July 3, 2001

Douglas A. Lozier
Laketon Refining Corporation
PO Box 68123
Indianapolis, Indiana 46268-0123

Re: **169-14472**
First Administrative Amendment to
FESOP F 169-7939-00006

Dear Mr. Lozier:

Laketon Refining Corporation was issued a permit on August 8, 2000 for a stationary asphalt liquid binder manufacturing source. A letter requesting changes to this permit was received on May 30, 2001.

Laketon Refining Corporation requested to add two (2) natural gas-fired heaters and one (1) heating tank to their existing plant as well as to amend the FESOP to account for the removal of a boiler. The potential emissions of the criteria pollutants and HAPs are below the minor FESOP revision thresholds pursuant to 326 IAC 2-8-11.1(d)(4).

Pursuant to the provisions of 326 IAC 2-8-10, the permit is hereby administratively amended as follows:

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in bold):

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

(uu) One (1) ~~Two (2)~~ existing permitted natural gas fired steam boiler~~s~~, known as ~~SB-901 and~~ SB-903, with backup capability to burn a blend of No. 1 or 2 fuel oils and biofuel, exhausted through Stack~~s SB-901 and~~ SB-903, rated at ~~36.0 and~~ 8.37 million British thermal units per hour, ~~constructed in 1970 and~~ installed in 1997~~, respectively~~.

(vv) One (1) natural gas fired steam boiler, known as SB-904, with backup capability to burn a blend of Nos. 1, 2 or 6 fuel oils and biofuel, exhausted through Stack SB-904, rated at 16.723 million British thermal units per hour (500 horsepower) to be installed.

(ww) One (1) heating tank, known as ST-RR, exhausting to Stack ST-RR, capacity: 30,000 gallons of asphalt, throughput capacity: 400 gallons of asphalt per minute.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour**, including:**

(1) One (1) thermal transfer hot oil heater, known as HO-1, exhausting to Stack HO-1, rated at 3.2 million British thermal units per hour.

(2) One (1) direct-fired internal tank heater, known as HO-2, exhausting to Stack HO-2, rated at 3.2 million British thermal units per hour.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: - **Storage Tanks Not Subject to NSPS - Continued**

(s) Three (3) sodium hydroxide storage tanks, known as ST-036, ST-037 and ST-038, constructed in 1965, capacity: 20,118 gallons, each.

(t) One (1) asphalt vertical fixed roof storage tank, known as ST-043, constructed in 1965, capacity: 2,392,068 gallons.

(u) One (1) asphalt vertical fixed roof storage tank, known as ST-044, constructed in 1968, capacity: 1,105,188 gallons.

(v) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-046, constructed in 1960, capacity: 427,644 gallons.

(w) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-047, constructed in 1960, capacity: 428,568 gallons.

(x) One (1) waste water vertical fixed roof storage tank, known as ST-048, constructed in 1956, capacity: 110,292 gallons.

(y) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-49, capacity: 110,171 gallons.

(z) One (1) crude oil, heavy oils, or kerosene interface vertical fixed roof storage tank, known as ST-051, constructed in 1960, capacity: 5,000 gallons.

(aa) One (1) heavy oils, or kerosene vertical fixed roof storage tank, known as ST-052, constructed in 1973, capacity: 6,006 gallons.

(bb) One (1) cutback asphalt vertical fixed roof storage tank, known as ST-053, constructed in 1956, capacity: 118,692 gallons.

(cc) One (1) kerosene vertical fixed roof storage tank, known as ST-054, constructed in 1968, capacity: 120,078 gallons.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: - Storage Tanks Not Subject to NSPS - Continued

(dd) One (1) asphalt vertical fixed roof storage tank, known as ST-055, constructed in 1968, capacity: 1,520,148 gallons.

(ee) One (1) slop oil vertical fixed roof storage tank, known as ST-057, constructed in 1956, capacity: 85,386 gallons.

(ff) One (1) heavy oils, kerosene or asphalt vertical fixed roof storage tank, known as ST-058, constructed in 1973, capacity: 6,015 gallons.

(gg) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-059, capacity: 37,983 gallons.

(pp) One (1) asphalt cement loading rack, known as LRA-1, capacity: 54,000 gallons per hour.

(qq) One (1) MC cutback asphalt loading rack, known as LRMC-1, capacity: 36,000 gallons per hour.

(rr) One (1) kerosene loading rack, constructed in 1997, known KLR capacity: 48,000 gallons of kerosene per hour.

(ww) One (1) heating tank, known as ST-RR, exhausting to Stack ST-RR, capacity: 30,000 gallons of asphalt, throughput capacity: 400 gallons of asphalt per minute.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

There are no conditions for the storage tanks, loading rack and tube heaters listed in Section D.1.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Steam Boilers

(uu) One (1) ~~Two (2)~~ existing permitted natural gas fired steam boiler~~s~~, known as ~~SB-901 and~~ SB-903, with backup capability to burn a blend of No. 1 or 2 fuel oils and biofuel, exhausted through Stack~~s SB-901 and~~ SB-903, rated at ~~36.0 and~~ 8.37 million British thermal units per hour, ~~constructed in 1970 and~~ installed in 1997~~, respectively~~.

(vv) One (1) natural gas fired steam boiler, known as SB-904, with backup capability to burn a blend of Nos. 1, 2 or 6 fuel oils and biofuel, exhausted through Stack SB-904, rated at 16.723 million British thermal units per hour (500 horsepower) to be installed.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.4.4 Particulate Matter Limitation (PM) [326 IAC 6-2]

~~(a) Pursuant to 326 IAC 6-2-3 (d)(Particulate emission limitations for sources of indirect heating: emission limitations for facilities specified in 326 IAC 6-2-1 (b)), particulate emissions from steam boiler, SB-901, used for indirect heating purposes which was~~

~~existing and in operation on or before June 8, 1972, shall in no case exceed 0.8 pounds of particulate matter per million British thermal units heat input.~~

~~(b)~~ Pursuant to 326 IAC 6-2-4 (Emission limitations for facilities specified in 326 IAC 6-2-1 (c)), particulate emissions from steam boilers, SB-903 and SB-904, used for indirect heating purposes shall not exceed 0.407 and 0.374 pounds of particulate matter per million British thermal units heat input, respectively.

~~D.4.6 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]~~

~~For steam boiler, SB-901, pursuant to 326 IAC 7-1.1 (SO_2 Emissions Limitations) the SO_2 emissions from the thirty-six (36.0) million British thermal units per hour boiler on No. 1, No. 2 or biofuel shall not exceed five tenths (0.5) pounds per million British thermal units heat input.~~

~~D.4.7 Sulfur Dioxide (SO_2) [326 IAC 2-8]~~

~~(a) The total input of equivalent No. 1 or No. 2 fuel oil to steam boiler, SB-901, shall be limited to 1,151,627 gallons per twelve (12) consecutive month period. This fuel limit is equivalent to 40.9 tons per year of SO_2.~~

~~(b) For purposes of determining compliance based on SO_2 emissions each gallon of biofuel shall be equivalent to 0.360 gallons of No. 1 or No. 2 fuel oil.~~

~~(c) For purposes of determining compliance based on SO_2 emissions each million cubic feet of natural gas shall be equivalent to 8.45 gallons of No. 1 or No. 2 fuel oil.~~

D.4.**6**~~8~~ Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for ~~SB-901 and~~ SB-904 and any control devices.

Compliance Determination Requirements

D.4.**7**9 Sulfur Dioxide Emissions and Sulfur Content

Pursuant to 40 CFR 60, Subpart Dc, the Permittee shall demonstrate compliance for steam boiler~~s~~, ~~SB-901 and~~ SB-904 utilizing one of the following options:

(a) Providing vendor analysis of fuel delivered, if accompanied by a certification; or

(b) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.

(1) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

(2) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.

D.4.**8**~~10~~ Sulfur Dioxide Emissions and Sulfur Content

Compliance for steam boiler, SB-903, shall be determined utilizing one of the following options.

(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content

does not exceed five-tenths percent (0.5%) by weight by:

(1) Providing vendor analysis of fuel delivered, if accompanied by a certification; or

(2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.

(A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

(B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling; or

(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the thirteen (13) MMBtu per hour heater, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.4.**9**~~11~~ Visible Emissions Notations

(a) Visible emission notations of the ~~SB-901,~~ SB-903 and SB-904 stack exhausts shall be performed once per shift during normal daylight operations when exhausting to the atmosphere burning Nos. 1, 2, 6 fuel oil or biofuel. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.4.1**0**~~2~~ Record Keeping Requirements

(a) To document compliance with Condition~~s~~ D.4.5 ~~and D.4.6~~, the Permittee shall maintain records for steam boiler~~s~~, ~~SB-901 and~~ SB-904, in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur limit applies at all times including periods of startup, shutdown, and malfunction.

(1) Calendar dates covered in the compliance determination period;

(2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

(3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; the natural gas fired boiler certification does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1); and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

(4) Fuel supplier certifications.

(5) The name of the fuel supplier; and

(6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

(b) To document compliance with Condition D.4.**9**~~11~~, the Permittee shall maintain records of daily visible emission notations of the ~~SB-901,~~ SB-903 and SB-904 stack exhausts when burning Nos. 1, 2, 6 fuel oil or biofuel.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

~~D.4.13 Reporting Requirements~~

~~A quarterly summary of the information to document compliance with Condition D.4.7 when No. 1, No.2 or No.6 fuel oil, biofuel or natural gas was combusted, and the natural gas fired boiler certification, shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Laketon Refining Corporation
Source Address: 2784 West Lukens Lake Road, Laketon, Indiana 46943
Mailing Address: PO Box 68123, Indianapolis, Indiana 46268-0123
FESOP No.: F 169-7939-00006
Facility: SB-901
Parameter: No. 1. or No. 2 equivalent fuel oil
Limit: 1,151,627 gallons per twelve (12) consecutive month period
Each gallon of biofuel is equivalent to 0.360 gallons of No. 1 or No. 2 fuel oil
Each million cubic feet of natural gas is equivalent to 8.45 gallons of No. 1 or No. 2 fuel oil

YEAR: _____

Month	Number Gallons of Nos. 1 or 2 Fuel Oil or Equivalent Used	Number Gallons of Nos. 1 or 2 Fuel Oil or Equivalent Used	Number Gallons of Nos. 1 or 2 Fuel Oil or Equivalent Used
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

~~Phone:~~

The name of IDEM's "Office of Air Management" was changed to "Office of Air Quality" on January 1, 2001. All references to "Office of Air Management" in the permit have been changed to "Office of Air Quality" and all references to "OAM" have been changed to "OAQ."

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Mark L. Kramer, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
MLK/MES
cc: File - Wabash County
U.S. EPA, Region V
Wabash County Health Department
Air Compliance Section Inspector - Ryan Hillman
Compliance Data Section - Mendy Jones
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) OFFICE OF AIR QUALITY

Laketon Refining Corporation
2784 West Lukens Lake Road
Laketon, Indiana 46943

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F 169-7939-00006	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: August 8, 2000 Expiration Date: August 8, 2005

First Administrative Amendment: AAF 169-14472-00006	Conditions/Sections Affected: A.2, A.3, D.1, D.4.4 - D.4.13, and D.4.6, D.4.7, D.4.13 and the Quarterly Report Form were removed
Original signed by Paul Dubenetzky Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: July 3, 2001

TABLE OF CONTENTS

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary asphalt liquid binder manufacturing source

Authorized individual:	Lewis L. Davis
Source Address:	2784 West Lukens Lake Road, Laketon, Indiana 46943
Mailing Address:	PO Box 68123, Indianapolis, Indiana 46268-0123
Phone Number:	317 - 875 - 4670
SIC Code:	2951
County Location:	Wabash
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

(a) One (1) steam boiler, known as SB-901, natural gas, constructed in 1970, exhausted through SB-901, rated at 36.0 million British thermal units per hour.

(b) Two (2) asphalt vertical fixed roof storage tanks, known as ST-009 and ST-010, constructed in 1895, capacity: 1,470,000 gallons, each.

(c) One (1) heavy oils, kerosene, biofuel or asphalt storage tank, known as ST-021, constructed in 1975, capacity: 8,820 gallons.

(d) One (1) wastewater vertical fixed roof storage tank, known as ST-023, constructed in 1956, capacity: 428,400 gallons.

(e) Two (2) kerosene vertical fixed roof storage tanks, known as ST-024 and ST-025, constructed in 1968, capacity: 23,100 gallons, each.

(f) One (1) slop oil vertical fixed roof storage tank, known as ST-028, constructed in 1956, capacity: 428,400 gallons.

(g) Two (2) asphalt vertical fixed roof storage tanks, known as ST-029 and ST-030, constructed in 1956, capacity: 428,400 gallons, each.

(h) Two (2) cutback asphalt vertical fixed roof storage tanks, known as ST-034 and ST-035, constructed in 1956, capacity: 215,880 gallons, each.

(i) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-045, constructed in 1968, capacity: 428,484 gallons.

(j) One (1) asphalt vertical fixed roof storage tank, known as ST-056, constructed in 1968, capacity: 852,894 gallons.

(k) One (1) natural gas-fired steam boiler, known as SB-903, with No.1 or No.2 oil as a backup fuel, installed in 1997, exhausted through Stack SB-903, rated at 8.37 million British thermal units per hour.

(l) One (1) natural gas fired external asphalt tank (ST-030) heater, known as THE-930, constructed in 1956, rated at 7.15 million British thermal units per hour.

(m) Five (5) internal natural gas fired, direct fired tube heaters, known as THI-943 (ST-043), THI-944 (ST-044), THI-956 (ST-056), THI-960 (ST-060) and THI-961 (ST-061) constructed in 1965, 1968, 1968, 1985 and 1985, respectively, rated at 9.0, 4.5, 3.0, 21.0 and 18.0 million British thermal units per hour.

(n) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-007, constructed in 1956, capacity: 289,800 gallons.

(o) One (1) heavy oils, kerosene or asphalt vertical fixed roof storage tank, known as ST-008, constructed in 1956, capacity: 289,800 gallons.

(p) Three (3) wastewater vertical fixed roof storage tanks, known as ST-002, ST-003, and ST-006, constructed in 1956, capacity: 180,600 gallons, each.

(q) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-032, constructed in 1956, capacity: 42,451 gallons.

(r) One (1) wastewater vertical fixed roof storage tank, known as ST-033, constructed in 1956, capacity: 85,386 gallons.

(s) Three (3) sodium hydroxide storage tanks, known as ST-036, ST-037 and ST-038, constructed in 1965, capacity: 20,118 gallons, each.

(t) One (1) asphalt vertical fixed roof storage tank, known as ST-043, constructed in 1965, capacity: 2,392,068 gallons.

(u) One (1) asphalt vertical fixed roof storage tank, known as ST-044, constructed in 1968, capacity: 1,105,188 gallons.

(v) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-046, constructed in 1960, capacity: 427,644 gallons.

(w) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-047, constructed in 1960, capacity: 428,568 gallons.

(x) One (1) waste water vertical fixed roof storage tank, known as ST-048, constructed in 1956, capacity: 110,292 gallons.

(y) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-49, capacity: 110,171 gallons.

(z) One (1) crude oil, heavy oils, or kerosene interface vertical fixed roof storage tank, known as ST-051, constructed in 1960, capacity: 5,000 gallons.

(aa) One (1) heavy oils, or kerosene vertical fixed roof storage tank, known as ST-052, constructed in 1973, capacity: 6,006 gallons.

(bb) One (1) cutback asphalt vertical fixed roof storage tank, known as ST-053, constructed in 1956, capacity: 118,692 gallons.

(cc) One (1) kerosene vertical fixed roof storage tank, known as ST-054, constructed in 1968, capacity: 120,078 gallons.

(dd) One (1) asphalt vertical fixed roof storage tank, known as ST-055, constructed in 1968, capacity: 1,520,148 gallons.

(ee) One (1) slop oil vertical fixed roof storage tank, known as ST-057, constructed in 1956, capacity: 85,386 gallons.

(ff) One (1) heavy oils, kerosene or asphalt vertical fixed roof storage tank, known as ST-058, constructed in 1973, capacity: 6,015 gallons.

(gg) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-059, capacity: 37,983 gallons.

(hh) One (1) asphalt vertical fixed roof storage tank, known as ST-060, constructed in 1985, capacity: 2,341,920 gallons.

(ii) One (1) asphalt vertical fixed roof storage tank, known as ST-061, constructed in 1985, capacity: 5,019,042 gallons.

(jj) Four (4) heavy oils, kerosene or asphalt vertical fixed roof storage tanks, known as ST-085, ST-086, ST-087 and ST-088, constructed in 1989, capacity: 30,000 gallons, each.

(kk) Two (2) slop oil vertical fixed roof storage tanks, known as ST-089 and ST-090, constructed in 1991, capacity: 30,000 gallons, each.

(ll) Two (2) heavy oils, kerosene or asphalt vertical fixed roof storage tanks, known as ST-091 and ST-092, constructed in 1991, capacity: 30,000 gallons, each.

(mm) One (1) heavy oils, kerosene, or asphalt vertical fixed roof storage tank, known as ST-093, constructed in 1991, capacity: 30,000 gallons.

(nn) Two (2) heavy oils, kerosene or asphalt vertical fixed roof storage tanks, known as ST-094 and ST-095, constructed in 1994, capacity: 30,000 gallons, each.

(oo) One (1) asphalt anti-stripping additive vertical fixed roof storage tank, known as ST-096, capacity: 13,000 gallons.

(pp) One (1) asphalt cement loading rack, known as LRA-1, capacity: 54,000 gallons per hour.

(qq) One (1) MC cutback asphalt loading rack, known as LRMC-1, capacity: 36,000 gallons per hour.

(rr) One (1) kerosene loading rack, constructed in 1997, known KLR capacity: 48,000 gallons of kerosene per hour.

(ss) One (1) knock-out tank, known as KO-1, equipped with a natural gas fired thermal oxidizer, known as TO-1, rated at 8.2 million British thermal units per hour, exhausted through Stack TO-1, capacity: 12.69 tons of oxidized asphalt per hour.

(tt) One (1) oxidized asphalt loading operation and rack, capacity: 24,000 gallons per hour.

(uu) One (1) existing permitted natural gas fired steam boiler, known as SB-903, with backup capability to burn a blend of No. 1 or 2 fuel oils and biofuel, exhausted through Stack SB-903, rated at 8.37 million British thermal units per hour, installed in 1997.

(vv) One (1) natural gas fired steam boiler, known as SB-904, with backup capability to burn a blend of Nos. 1, 2 or 6 fuel oils and biofuel, exhausted through Stack SB-904, rated at 16.723 million British thermal units per hour (500 horsepower) to be installed.

(ww) One (1) heating tank, known as ST-RR, exhausting to Stack ST-RR, capacity: 30,000 gallons of asphalt, throughput capacity: 400 gallons of asphalt per minute.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour, including:

(1) One (1) thermal transfer hot oil heater, known as HO-1, exhausting to Stack HO-1, rated at 3.2 million British thermal units per hour.

(2) One (1) direct-fired internal tank heater, known as HO-2, exhausting to Stack HO-2, rated at 3.2 million British thermal units per hour.

(b) Propane for liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) British thermal units per hour.

(c) Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) British thermal units per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight.

(d) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.

(e) The following VOC and HAP storage containers:

(1) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons.

(2) Vessels storing lubricating oil, hydraulic oils, machining oils, and machining fluids.

(f) Application of oils, greases lubricants or other nonvolatile materials applied as temporary protective coatings.

(g) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.

(h) Cleaners and solvents characterized as follows:

(1) having a vapor pressure equal to or less than 2 kiloPascals; 15 millimeters of mercury; or 0.3 pounds per square inch measured at 38EC (100EF) or;

(2) having a vapor pressure equal to or less than 0.7 kiloPascals; 5 millimeters of mercury; or 0.1 pounds per square inch measured at 20EC (68EF); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.

(i) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches soldering equipment, welding equipment.

(j) Closed loop heating and cooling systems.

(k) Any of the following structural steel and bridge fabrication activities:

Cutting 200,000 linear feet or less of one inch (1") plate or equivalent.
Using 80 tons or less of welding consumables.

(l) Rolling oil recovery systems.

(m) Groundwater oil recovery wells.

(n) Solvent recycling systems with batch capacity less than or equal to 100 gallons.

(o) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1 percent by volume.

(p) Heat exchanger cleaning and repair.

(q) Process vessel degassing and cleaning to prepare for internal repairs.

(r) Stockpiled soils from soil remediation activities that are covered and waiting transport for disposal.

(s) Paved and unpaved roads and parking lots with public access.

(t) Asbestos abatement projects regulated by 326 IAC 14-10.

(u) Purging of gas lines and vessels that is related to routine maintenance and repair of buildings,

structures, or vehicles at the source where air emissions from those activities would not be associated with any production process.

(v) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.

(w) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.

(x) On-site fire and emergency response training approved by the department.

(y) Emergency generators as follows:

Diesel generators not exceeding 1,600 horsepower.

(z) Other emergency equipment as follows: Stationary fire pumps.

(aa) Purge double block and bleed valves.

(bb) Filter or coalescer media changeout.

(cc) A laboratory as defined in 326 IAC 2-7-1(20)(C).

(dd) Activities or categories of activities with individual HAP emissions not previously identified.

Any unit emitting greater than 1 pound per day but less than 5 pounds per day of 1 ton per year of a single HAP:

(1) Tank storage or toluene, racing gasolines, aviation gasolines, and methyl-tert-butyl-ether, where controlled by floating roof tanks and/or nitrogen blanket.

(2) Tetraethyl lead cargo tank trailer under vacuum.

(3) Gasoline loading rack current production HAP emissions are .15 TPY.

(ee) Other activities or categories not previously identified:

(1) Loading rack losses for asphalt products, pump, valve, transfer points, flanges for asphalt products.

(2) All asphalt, wastewater, oil slop, kerosene, sodium hydroxide, asphalt oxidizer storage tanks, plant and vapor recovery flares.

(3) Asphalt (roofing) - pouring and cooling into paper sleeves, forklift operations, laboratory operations including anti-knock engines, locomotive operations (transferring rail cars).

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) for a Federally Enforceable State Operating Permit (FESOP).

A.5 Prior Permit Conditions

(a) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.

(b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued.

SECTION B GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

B.2 Definitions [326 IAC 2-8-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2, and 326 IAC 2-7) shall prevail.

B.3 Permit Term [326 IAC 2-8-4(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.4 Enforceability [326 IAC 2-8-6]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3(h)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.6 Severability [326 IAC 2-8-4(4)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Supplement and Provide Information [326 IAC 2-8-3(f)] [326 IAC 2-8-4(5)(E)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "authorized individual" as

defined by 326 IAC 2-1.1-1(1).

(c) Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit. The Permittee may include a claim of confidentiality in accordance with 326 IAC 17. If requested by IDEM, OAQ, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, then the Permittee must furnish record directly to the U. S. EPA. The Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.9 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ, may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.10 Compliance with Permit Conditions [326 IAC 2-8-4(5)(A)] [326 IAC 2-8-4(5)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit, except those specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act and is grounds for:

(1) Enforcement action;

(2) Permit termination, revocation and reissuance, or modification; and

(3) 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 conditions of this permit.

B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a authorized individual of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, on the attached Certification Form, with each submittal.

(c) An authorized individual is defined at 326 IAC 2-1.1-1(1).

B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.13 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP and the PMP extension notification do not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a

PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.14 Emergency Provisions [326 IAC 2-8-12]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-8-12.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone No.: 317-233-5674 (ask for Compliance Section)
Facsimile No.: 317-233-5967

Failure to notify IDEM, OAQ, by telephone or facsimile within four (4) daytime business hours after the beginning of the emergency, or after the emergency is discovered or reasonably should have been discovered, shall constitute a violation of 326 IAC 2-8 and any other applicable rules. [326 IAC 2-8-12(f)]

(5) For each emergency lasting one (1) hour or more, the Permittee submitted notice either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due

to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provision), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation, except for the failure to perform the monitoring or record the information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or

(2) An emergency as defined in 326 IAC 2-7-1(12); or

(3) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

(c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which

cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, IN 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-8-9]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1) only if a certification is required by the terms of the applicable rule.

(c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Operational Flexibility [326 IAC 2-8-15]

(a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-8-15(b) through (d) and makes such records available, upon reasonable request, to public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-8-15(b), (c)(1), and (d).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-8-15(a) and the following additional conditions:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

(c) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).

(d) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.

B.20 Permit Revision Requirement [326 IAC 2-8-11.1]

A modification, construction, or reconstruction is governed by the applicable provisions of 326 IAC 2-8-11.1.

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements. [326 IAC 2-8-5(a)(4)]

B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-11(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-8-4(6)] [326 IAC 2-8-16]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Failure to pay may result in administrative enforcement action, or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

B.24 Advanced Source Modification Approval [326 IAC 2-8-4(11)] [326 IAC 2-1.1-9]

(a) The requirements to obtain a permit revision under 326 IAC 2-8-11.1 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.

(b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if failure to commence construction of the emission unit within eighteen (18) months from the date of issuance of the permit, or if during the construction of work is suspended for a continuous period of one (1) year or more.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emissions Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

(1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also satisfy the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD));

(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), emissions of particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided the source's potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3(a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and in 326 IAC 9-1-2. 326 IAC 9-1-2 is not federally enforceable.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-8-5(a)(4)]

Except as otherwise provided in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.7 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-8-4(3)]

C.9 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ, within forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.10 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.11 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

All monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule with full justification of the reasons for inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

C.12 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

C.13 Temperature Gauge Specifications

Whenever a condition in this permit requires the measurement of temperature across any part of the unit or its control device, the thermometer employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (±2%) of full scale reading.

Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days from the date of issuance of this permit.

The ERP does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.15 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

(a) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or

(b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

(c) A verification to IDEM, OAQ, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

All documents submitted pursuant to this condition shall include the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.16 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5]

(a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. The compliance monitoring plan can be either an entirely new document, consist in whole information contained in other documents, or consist of a combination of new information and information contained in other documents. If the compliance monitoring plan incorporates by reference information contained in other documents, the Permittee shall identify as part of the compliance monitoring plan the documents in which the information is found. The elements of the compliance monitoring plan are:

(1) This condition;

(2) The Compliance Determination Requirements in Section D of this permit;

(3) The Compliance Monitoring Requirements in Section D of this permit;

(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and

(5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAQ, upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of:

(A) Reasonable response steps that may be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and

(B) A time schedule for taking reasonable response steps including a schedule for devising additional response steps for situations that may not have been predicted.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to take reasonable response steps shall constitute a violation of the permit.

(c) Upon investigation of a compliance monitoring excursion, the Permittee is excused from taking further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied; or

(3) An automatic measurement was taken when the process was not operating; or

(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

(d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(e) All monitoring required in Section D shall be performed at all times the equipment is operating.

If monitoring is required by Section D and the equipment is not operating, then the Permittee may record the fact that the equipment is not operating or perform the required monitoring.

(f) If for reasons beyond its control, the Permittee fails to perform the monitoring and record keeping as required by Section D, then the reasons for this must be recorded.

(1) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent of the operating time in any quarter.

(2) Temporary, unscheduled unavailability of qualified staff shall be considered a valid reason for failure to perform the monitoring or record keeping requirements in Section D.

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4] [326 IAC 2-8-5]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the corrective actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.18 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

(a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Records of required monitoring information shall include, where applicable:

(1) The date, place, and time of sampling or measurements;

(2) The dates analyses were performed;

(3) The company or entity performing the analyses;

(4) The analytic techniques or methods used;

(5) The results of such analyses; and

(6) The operating conditions existing at the time of sampling or measurement.

(c) Support information shall include, where applicable:

(1) Copies of all reports required by this permit;

(2) All original strip chart recordings for continuous monitoring instrumentation;

(3) All calibration and maintenance records;

(4) Records of preventive maintenance.

(d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.19 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

(a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The Compliance Monitoring Report shall include the certification by the "authorized individual" as defined by 326 IAC2-1.1-1(1).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(d) Unless otherwise specified in this permit, any quarterly report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The report(s) does(do) not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(f) Any corrective actions or response steps taken as a result of each deviation must be clearly

identified in such reports.

(g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156

(b) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Storage Tanks Not Subject to NSPS

(b) Two (2) asphalt vertical fixed roof storage tanks, known as ST-009 and ST-010, constructed in 1895, capacity: 1,470,000 gallons, each.

(c) One (1) heavy oils, kerosene, biofuel or asphalt storage tank, known as ST-021, constructed in 1975, capacity: 8,820 gallons.

(d) One (1) wastewater vertical fixed roof storage tank, known as ST-023, constructed in 1956, capacity: 428,400 gallons.

(e) Two (2) kerosene vertical fixed roof storage tanks, known as ST-024 and ST-025, constructed in 1968, capacity: 23,100 gallons, each.

(f) One (1) slop oil vertical fixed roof storage tank, known as ST-028, constructed in 1956, capacity: 428,400 gallons.

(g) Two (2) asphalt vertical fixed roof storage tanks, known as ST-029 and ST-030, constructed in 1956, capacity: 428,400 gallons, each.

(h) Two (2) cutback asphalt vertical fixed roof storage tanks, known as ST-034 and ST-035, constructed in 1956, capacity: 215,880 gallons, each.

(i) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-045, constructed in 1968, capacity: 428,484 gallons.

(j) One (1) asphalt vertical fixed roof storage tank, known as ST-056, constructed in 1968, capacity: 852,894 gallons.

(l) One (1) natural gas fired external asphalt tank (ST-030) heater, known as THE-930, constructed in 1956, rated at 7.15 million British thermal units per hour.

(m) Five (5) internal natural gas fired, direct fired tube heaters, known as THI-943 (ST-043), THI-944 (ST-044), THI-956 (ST-056), THI-960 (ST-060) and THI-961 (ST-061) constructed in 1965, 1968, 1968, 1985 and 1985, respectively, rated at 9.0, 4.5, 3.0, 21.0 and 18.0 million British thermal units per hour.

(n) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-007, constructed in 1956, capacity: 289,800 gallons.

(o) One (1) heavy oils, kerosene or asphalt vertical fixed roof storage tank, known as ST-008, constructed in 1956, capacity: 289,800 gallons.

(p) Three (3) wastewater vertical fixed roof storage tanks, known as ST-002, ST-003, and ST-006, constructed in 1956, capacity: 180,600 gallons, each.

(q) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-032, constructed in 1956, capacity: 42,451 gallons.

(r) One (1) wastewater vertical fixed roof storage tank, known as ST-033, constructed in 1956, capacity: 85,386 gallons.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: - **Storage Tanks Not Subject to NSPS - Continued**

(s) Three (3) sodium hydroxide storage tanks, known as ST-036, ST-037 and ST-038, constructed in 1965, capacity: 20,118 gallons, each.

(t) One (1) asphalt vertical fixed roof storage tank, known as ST-043, constructed in 1965, capacity: 2,392,068 gallons.

(u) One (1) asphalt vertical fixed roof storage tank, known as ST-044, constructed in 1968, capacity: 1,105,188 gallons.

(v) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-046, constructed in 1960, capacity: 427,644 gallons.

(w) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-047, constructed in 1960, capacity: 428,568 gallons.

(x) One (1) waste water vertical fixed roof storage tank, known as ST-048, constructed in 1956, capacity: 110,292 gallons.

(y) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-49, capacity: 110,171 gallons.

(z) One (1) crude oil, heavy oils, or kerosene interface vertical fixed roof storage tank, known as ST-051, constructed in 1960, capacity: 5,000 gallons.

(aa) One (1) heavy oils, or kerosene vertical fixed roof storage tank, known as ST-052, constructed in 1973, capacity: 6,006 gallons.

(bb) One (1) cutback asphalt vertical fixed roof storage tank, known as ST-053, constructed in 1956, capacity: 118,692 gallons.

(cc) One (1) kerosene vertical fixed roof storage tank, known as ST-054, constructed in 1968, capacity: 120,078 gallons.

(dd) One (1) asphalt vertical fixed roof storage tank, known as ST-055, constructed in 1968, capacity: 1,520,148 gallons.

(ee) One (1) slop oil vertical fixed roof storage tank, known as ST-057, constructed in 1956, capacity: 85,386 gallons.

(ff) One (1) heavy oils, kerosene or asphalt vertical fixed roof storage tank, known as ST-058, constructed in 1973, capacity: 6,015 gallons.

(gg) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-059, capacity: 37,983 gallons.

(pp) One (1) asphalt cement loading rack, known as LRA-1, capacity: 54,000 gallons per hour.

(qq) One (1) MC cutback asphalt loading rack, known as LRMC-1, capacity: 36,000 gallons per hour.

(rr) One (1) kerosene loading rack, constructed in 1997, known KLR capacity: 48,000 gallons of kerosene per hour.

(ww) One (1) heating tank, known as ST-RR, exhausting to Stack ST-RR, capacity: 30,000 gallons of asphalt, throughput capacity: 400 gallons of asphalt per minute.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

There are no conditions for the storage tanks, loading rack and tube heaters listed in Section D.1.

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: - **Storage Tanks Subject to NSPS**

(hh) One (1) asphalt vertical fixed roof storage tank, known as ST-060, constructed in 1985, capacity: 2,341,920 gallons.

(ii) One (1) asphalt vertical fixed roof storage tank, known as ST-061, constructed in 1985, capacity: 5,019,042 gallons.

(jj) Four (4) heavy oils, kerosene or asphalt vertical fixed roof storage tanks, known as ST-085, ST-086, ST-087 and ST-088, constructed in 1989, capacity: 30,000 gallons, each.

(kk) Two (2) slop oil vertical fixed roof storage tanks, known as ST-089 and ST-090, constructed in 1991, capacity: 30,000 gallons, each.

(ll) Two (2) heavy oils, kerosene or asphalt vertical fixed roof storage tanks, known as ST-091 and ST-092, constructed in 1991, capacity: 30,000 gallons, each.

(mm) One (1) heavy oils, kerosene, or asphalt vertical fixed roof storage tank, known as ST-093, constructed in 1991, capacity: 30,000 gallons.

(nn) Two (2) heavy oils, kerosene or asphalt vertical fixed roof storage tanks, known as ST-094 and ST-095, constructed in 1994, capacity: 30,000 gallons, each.

(oo) One (1) asphalt anti-stripping additive vertical fixed roof storage tank, known as ST-096, capacity: 13,000 gallons.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Standards of Performance for Volatile Organic Liquid Storage Vessels [326 IAC 12] [40 CFR 60.116b]

The storage tanks, ST-060, ST-061, ST-085 - ST-096 shall comply with the New Source Performance Standards (NSPS), 326 IAC 12 (40 CFR Part 60.116b, Subpart Kb). 40 CFR Part 60.116b paragraphs (a) and (b) require the Permittee to maintain accessible records showing the dimension of each storage vessel and an analysis showing the capacity of the storage vessel. Records shall be kept for the life of the storage tanks.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.2 Standards of Performance for Volatile Organic Liquid Storage Vessels [326 IAC 12] [40 CFR 60.116b]

The Permittee shall maintain accessible records showing the dimension of the storage tanks ST-060, ST-061, ST-085 - ST-096 and an analysis showing the capacity of the storage vessels. Records shall be kept for the life of the storage tanks. A copy of 40 CFR Part 60, Subpart Kb, is attached.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: - **Knock-out Tank and Loading Rack Operation**

(ss) One (1) knock-out tank, known as KO-1, equipped with a natural gas fired thermal oxidizer, known as TO-1, rated at 8.2 million British thermal units per hour, exhausted through Stack TO-1, capacity: 12.69 tons of oxidized asphalt per hour.

(tt) One (1) oxidized asphalt loading operation and rack, capacity: 24,000 gallons per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1 AND 326 IAC 2-8-11.1, WITH CONDITIONS LISTED BELOW.

Construction Conditions

General Construction Conditions

D.3.1 This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

D.3.2 Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

D.3.3 All requirements of these construction conditions shall remain in effect unless modified in a manner consistent with procedures established for revisions pursuant to 326 IAC 2.

Operation Conditions

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.3.4 Particulate Matter (PM) [326 IAC 6-3]

Pursuant to 326 IAC 6-3 (Process Operations), the allowable PM emission rate from the asphalt oxidizing operations shall not exceed 22.5 pounds per hour when operating at a process weight rate of 12.69 tons per hour.

The pounds per hour limitation was calculated with the following equation:

Interpolation and extrapolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

D.3.5 PM_{10} [326 IAC 2-8]

(a) Pursuant to 326 IAC 2-8, the PM_{10} emissions from the knock-out tank, known as KO-1,

equipped with a natural gas fired thermal oxidizer, known as TO-1, shall not exceed 19.6 pounds per hour. This condition limits the potential to emit PM_{10} to 86.1 tons per year.

(b) When operating, the thermal oxidizer shall maintain a minimum operating temperature of 1,200 degrees Fahrenheit or a temperature, fan amperage and duct velocity determined in a stack test to maintain a minimum ninety-four and two tenths percent (94.2%) overall control efficiency (capture and destruction) of the PM_{10}.

D.3.6 VOC [326 IAC 2-8]

(a) Pursuant to 326 IAC 2-8, the VOC emissions from the knock-out tank, known as KO-1, equipped with a natural gas fired thermal oxidizer, known as TO-1, shall not exceed 8.24 pounds per hour. This condition limits the potential to emit VOC to 36.1 tons per year.

(b) When operating, the thermal oxidizer shall maintain a minimum operating temperature of 1,200 degrees Fahrenheit or a temperature, fan amperage and duct velocity determined in a stack test to maintain a minimum sixty-five percent (65.0%) overall control efficiency (capture and destruction) of the VOC.

D.3.7 CO [326 IAC 2-8]

(a) Pursuant to 326 IAC 2-8, the CO emissions from the knock-out tank, known as KO-1, equipped with a natural gas fired thermal oxidizer, known as TO-1, shall not exceed 11.2 pounds per hour. This condition limits the potential to emit CO to 48.9 tons per year.

(b) When operating, the thermal oxidizer shall maintain a minimum operating temperature of 1,200 degrees Fahrenheit or a temperature, fan amperage and duct velocity determined in a stack test to maintain a minimum ninety percent (90%) overall control efficiency (capture and destruction) of the CO.

D.3.8 Thermal Oxidizer Operation

The thermal oxidizer, TO-1, controlling the emissions from the knock-out tank, KO-1, shall operate at all times that the asphalt oxidizing operations are in progress. When operating, the thermal oxidizer shall maintain a minimum operating temperature of 1,200 degrees Fahrenheit or a temperature, fan amperage and duct velocity determined in a stack test to comply with the pound per hour limits stated in Conditions D.3.5, D.3.6 and D.3.7.

D.3.9 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for knock-out tank, KO-1, and its control device, TO-1.

Compliance Determination Requirements

D.3.10 Testing Requirements [326 IAC 2-8-5(a)(1), (4)][326 IAC 2-1.1-11]

(a) During the period between 30 and 36 months after issuance of this permit, the Permittee shall perform PM and PM_{10} testing of the knock-out tank and thermal oxidizer utilizing Methods 5 or 17 (40 CFR 60, Appendix A) for PM and Methods 201 or 201A and 202 (40 CFR 51, Appendix M) for PM_{10}, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM_{10} includes filterable and condensible PM_{10}. Testing shall be conducted in accordance with Section C- Performance Testing.

(b) During the period between 30 and 36 months after issuance of this permit, the Permittee shall perform VOC and CO testing of the thermal oxidizer exhausting through Stack TO-1 to determine the capture and destruction efficiencies for overall VOC and CO control utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C- Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.3.11 Monitoring

(a) Daily records of the thermal oxidizer operating temperature shall be observed on each day that the knock-out tank, KO-1, is operated. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

D.3.12 Visible Emissions Notations

(a) Visible emission notations of the thermal oxidizer stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.3.13 Record Keeping Requirements

(a) To document compliance with Condition D.3.9, the Permittee shall maintain daily records of the thermal oxidizer operating temperature whenever the knock-out tank is in operation.

(b) To document compliance with Condition D.3.12, the Permittee shall maintain records of daily visible emission notations of the thermal oxidizer stack exhaust once per shift.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Steam Boilers

(uu) One (1) existing permitted natural gas fired steam boiler, known as SB-903, with backup capability to burn a blend of No. 1 or 2 fuel oils and biofuel, exhausted through Stack SB-903, rated at 8.37 million British thermal units per hour, installed in 1997.

(ww) One (1) natural gas fired steam boiler, known as SB-904, with backup capability to burn a blend of Nos. 1, 2 or 6 fuel oils and biofuel, exhausted through Stack SB-904, rated at 16.723 million British thermal units per hour (500 horsepower) to be installed.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1 AND 326 IAC 2-8-11.1, WITH CONDITIONS LISTED BELOW.

Construction Conditions

General Construction Conditions

D.4.1 This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

D.4.2 Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

D.4.3 All requirements of these construction conditions shall remain in effect unless modified in a manner consistent with procedures established for revisions pursuant to 326 IAC 2.

Operation Conditions

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.4.4 Particulate Matter Limitation (PM) [326 IAC 6-2]

Pursuant to 326 IAC 6-2-4 (Emission limitations for facilities specified in 326 IAC 6-2-1 (c)), particulate emissions from steam boilers, SB-903 and SB-904, used for indirect heating purposes shall not exceed 0.407 and 0.374 pounds of particulate matter per million British thermal units heat input, respectively.

D.4.5 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1] [326 IAC 12-1]

For steam boiler, SB-904, pursuant to 326 IAC 7-1.1 (SO_2 Emissions Limitations) and 40 CFR 60, Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units),:

(a) No. 1 or No. 2 Fuel Oil or Biofuel

(1) The SO_2 emissions from the sixteen and seven hundred and twenty-three thousandths (16.723) million British thermal units per hour boiler shall not exceed five tenths (0.5) pounds per million British thermal units heat input;

or

(2) The sulfur content of the fuel shall not exceed five-tenths percent (0.5%) by weight. [40 CFR 60.42c(d)]

(b) No. 6 Fuel Oil

The SO_2 emissions from the sixteen and seven hundred and twenty-three thousandths (16.723) million British thermal units per hour boiler shall not exceed one and six-tenths (1.6) pounds per million British thermal units heat input.

(c) Pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur content limit applies at all times, including periods of startup, shutdown, and malfunction.

D.4.6 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for SB-904 and any control devices.

Compliance Determination Requirements

D.4.7 Sulfur Dioxide Emissions and Sulfur Content

Pursuant to 40 CFR 60, Subpart Dc, the Permittee shall demonstrate compliance for steam boiler, SB-904 utilizing one of the following options:

(a) Providing vendor analysis of fuel delivered, if accompanied by a certification; or

(b) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.

(1) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

(2) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.

D.4.8 Sulfur Dioxide Emissions and Sulfur Content

Compliance for steam boiler, SB-903, shall be determined utilizing one of the following options.

(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed five-tenths percent (0.5%) by weight by:

(1) Providing vendor analysis of fuel delivered, if accompanied by a certification; or

(2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures

in 40 CFR 60, Appendix A, Method 19.

(A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

(B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling; or

(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the thirteen (13) MMBtu per hour heater, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.4.9 Visible Emissions Notations

(a) Visible emission notations of the SB-903 and SB-904 stack exhausts shall be performed once per shift during normal daylight operations when exhausting to the atmosphere burning Nos. 1, 2, 6 fuel oil or biofuel. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.4.10 Record Keeping Requirements

(a) To document compliance with Condition D.4.5, the Permittee shall maintain records for steam boiler, SB-904, in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur limit applies at all times including periods of startup, shutdown, and malfunction.

(1) Calendar dates covered in the compliance determination period;

(2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

(3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; the natural gas fired boiler certification does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1); and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

(4) Fuel supplier certifications.

(5) The name of the fuel supplier; and

(6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

(b) To document compliance with Condition D.4.7, the Permittee shall maintain records of daily visible emission notations of the SB-903 and SB-904 stack exhausts when burning Nos. 1, 2, 6 fuel oil or biofuel.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.5 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(g) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.

(i) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches soldering equipment, welding equipment.

(k) Any of the following structural steel and bridge fabrication activities:

Cutting 200,000 linear feet or less of one inch (1") plate or equivalent.

Using 80 tons or less of welding consumables.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.5.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.5.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC) (one hundred twenty degrees Fahrenheit (120EF)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.5.3 Particulate Matter (PM) [326 IAC 6-3]

Pursuant to 326 IAC 6-3 (Process Operations), the allowable PM emission rate from the brazing equipment, cutting torches soldering equipment, welding equipment, structural steel and bridge fabrication activities shall not exceed allowable PM emission rate based on the following equation:

Interpolation and extrapolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$, where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

or

Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 55.0\ P^{0.11} - 40$, where, E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) CERTIFICATION

Source Name: Laketon Refining Corporation
Source Address: 2784 West Lukens Lake Road, Laketon, Indiana 46943
Mailing Address: PO Box 68123, Indianapolis, Indiana 46268-0123
FESOP No.: F 169-7939-00006

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 Affidavit (specify) _____

9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE DATA SECTION
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY/DEVIATION OCCURRENCE REPORT

Source Name: Laketon Refining Corporation
Source Address: 2784 West Lukens Lake Road, Laketon, Indiana 46943
Mailing Address: PO Box 68123, Indianapolis, Indiana 46268-0123
FESOP No.: F 169-7939-00006

This form consists of 2 pages **Page 1 of 2**

Check either No. 1 or No.2
9 1. This is an emergency as defined in 326 IAC 2-7-1(12) The Permittee must notify the Office of Air Management (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and The Permittee must submit notice in writing or by facsimile within two (**2**) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9 2. This is a deviation, reportable per 326 IAC 2-8-4(3)(C) The Permittee must submit notice in writing within ten (**10**) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
NATURAL GAS FIRED BOILER CERTIFICATION

Source Name: Laketon Refining Corporation
Source Address: 2784 West Lukens Lake Road, Laketon, Indiana 46943
Mailing Address: PO Box 68123, Indianapolis, Indiana 46268-0123
FESOP No.: F 169-7939-00006

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Report period
Beginning: _____
Ending: _____

Boiler Affected	Alternate Fuel	Days burning alternate fuel From	To

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

A certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1) is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY COMPLIANCE MONITORING REPORT

Source Name: Laketon Refining Corporation
Source Address: 2784 West Lukens Lake Road, Laketon, Indiana 46943
Mailing Address: PO Box 68123, Indianapolis, Indiana 46268-0123
FESOP No.: F 169-7939-00006

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/ Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (eg. Permit Condition D.1.3)	**Number of Deviations**	**Date of each Deviation**

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Administrative Amendment to a Federally Enforceable State Operating Permit

Source Background and Description

Source Name:	**Laketon Refining Corporation**
Source Location:	**2784 West Lukens Lake Road, Laketon, Indiana 46943**
County:	**Wabash**
SIC Code:	**2951 and 2952**
Operation Permit No.:	**F 169-14472-00006**
Operation Permit Issuance Date:	**August 8, 2000**
Administrative Amendment No.:	**AAF 169-14472-00006**
Permit Reviewer:	**Mark L. Kramer**

The Office of Air Quality (OAQ) has reviewed an application from Laketon Refining Corporation relating to the construction and operation of the following emission units and pollution control devices:

(a) One (1) heating tank, known as ST-RR, exhausting to Stack ST-RR, capacity: 30,000 gallons of asphalt, throughput capacity: 400 gallons of asphalt per minute.

(b) One (1) thermal transfer hot oil heater, known as HO-1, exhausting to Stack HO-1, rated at 3.2 million British thermal units per hour (deemed an insignificant activity).

(c) One (1) direct-fired internal tank heater, known as HO-2, exhausting to Stack HO-2, rated at 3.2 million British thermal units per hour (deemed an insignificant activity).

Since the issuance of the FESOP on August 8, 2000, Laketon Refining Corporation notified IDEM, OAQ on December 7, 2000 that the following emission unit was removed from service.

(d) One (1) natural gas fired steam boiler, known as SB-901, with backup capability to burn a blend of No. 1 or 2 fuel oils and biofuel, exhausted through Stack SB-901, rated at 36.0 million British thermal units per hour, constructed in 1970.

This application has been determined to need an administrative amendment to their existing FESOP.

History

On May 30, 2001, Laketon Refining Corporation submitted an application to the OAQ requesting to add two (2) natural gas-fired heaters and one (1) heating tank to their existing plant. Laketon Refining Corporation was issued a Federally Enforceable State Operating Permit (FESOP) on August 8, 2000.

Enforcement Issue

There are no enforcement actions pending.

Stack Summary

Stack ID	Operation	Height (feet)	Diameter (feet)	Flow Rate (acfm)	Temperature (EF)
HO-1	Heater	15	6.0	700	500
HO-2	Heater	12	10.0	700	500
ST-RR	Tank	12	2.0	400	400

Recommendation

The staff recommends to the Commissioner that the Administrative Amendment be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on May 30, 2001.

Emission Calculations

See pages 1 - 2 of 2 of Appendix A of this document for detailed emissions calculations.

The calculations submitted by the applicant have been verified and found to be accurate and correct for the Tanks 4.0 output. These calculations show that VOC emissions are negligible and have not been included in Appendix A.

Potential To Emit of This Administrative Amendment

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA."

This table reflects the PTE before controls for this Amendment. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	0.053
PM_{10}	0.213
SO_2	0.017
VOC	0.154
CO	2.35
NO_X	2.80

HAPs	Potential To Emit (tons/year)
Benzene	0.00006
Dichlorobenzene	0.00003
Formaldehyde	0.002
Hexane	0.050
Toluene	0.0001
Lead Compounds	0.00001
Cadmium Compounds	0.00003
Chromium Compounds	0.00004
Manganese Compounds	0.00001
Nickel Compounds	0.00006
TOTAL	0.053

Justification for Administrative Amendment

The FESOP is being amended through a FESOP Administrative Amendment. This Administrative Amendment is being performed pursuant to 326 IAC 2-8-10 since the 30,000 gallon heating tank is not subject to NSPS Subpart Kb and the potential emissions of the criteria pollutants are less than the minor permit revision levels pursuant to 326 IAC 2-8-11.1(d)(4).

County Attainment Status

The source is located in Wabash County.

Pollutant	Status
PM_{10}	attainment
SO_2	attainment
NO_2	attainment
Ozone	attainment
CO	attainment
Lead	attainment

(a) Volatile organic compounds (VOC) and oxides of nitrogen (NOx) are precursors for the formation of ozone. Therefore, VOC and NO_X emissions are considered when evaluating the rule applicability relating to the ozone standards. Wabash County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

(b) Wabash County has been classified as attainment or unclassifiable for all remaining criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

(c) Fugitive Emissions

Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive PM emissions are not counted toward determination of PSD and Emission Offset applicability.

Source Status

The existing Source PSD or Emission Offset Definition (emissions after controls, based upon 8760 hours of operation per year at rated capacity and/or as otherwise limited) has been revised due to the removal of the boiler, SB-901. The following table has been abstract from the Technical Support Document and shows the effect of removing SB-901.

	Limited Potential to Emit (tons/year)						
Process/facility	PM	PM_{10}	SO_2	VOC	CO	NO_X	HAPS
~~SB-901~~	~~2.42~~	~~2.42~~	~~40.9*~~	~~0.867~~	~~13.2~~	~~24.2~~	~~negligible~~
SB-903	0.564	0.564	18.6	0.202	3.08	5.64	negligible
SB-904	3.82	3.82	38.3	0.552	6.15	26.9	negligible
THE-930, TO-1, THI-943, TH1-944, THI-956, THI-960 & THI-961	0.590	2.36	0.186	1.71	26.1	31.0	negligible
All Storage Tanks Standing & Working Losses	0.000	0.000	0.000	2.45	0.000	0.000	negligible
Four (4) Loading Racks	0.000	0.000	0.000	8.41	0.000	0.000	negligible
Four (4) Asphalt Oxidizing Tank Process Operations	86.1	86.1	0.000	36.1	48.9	0.000	negligible
Waste Water Treatment	0.000	0.000	0.000	39.4	0.000	0.000	negligible
Insignificant Activities	6	4	1	10	2	4	5
Total Emissions	97.1	96.8	58.1	98.8	86.2	67.5	5.00

Therefore, the existing Source PSD or Emission Offset Definition (emissions after controls, based upon 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/year)
PM	97.1
PM_{10}	96.8
SO_2	58.1
VOC	98.8
CO	86.2
NO_X	67.5

(a) This existing source is not a major stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the 28 listed source categories.

(b) These above emissions are based upon Technical Support Document for the issued FESOP F 169-7939-0006 revised for the removal of boiler SB-901.

Potential to Emit of Amendment After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the emission units after controls.

	Potential to Emit (tons/year)						
Process/facility	**PM**	**PM_{10}**	**SO_2**	**VOC**	**CO**	**NO_X**	**HAPs**
HO-1, HO-2 & ST-RR	0.053	0.213	0.017	0.154	2.35	2.80	negligible
PSD Threshold Level	250	250	250	250	250	250	-

This amendment to an existing minor stationary source is not major because the emission increase is less than the PSD threshold levels. Therefore, pursuant to 326 IAC 2-2, and 40 CFR 52.21, the PSD requirements do not apply.

This amendment to the existing FESOP will **not** change the status of the stationary source because the emissions from the entire source will still be limited to less than the Part 70 major source thresholds.

Federal Rule Applicability

(a) The 30,000 gallon heating tank, ST-RR, is not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.110b, Subpart Kb because even though the tank will be constructed after July 23, 1984 and has a capacity greater than 75 m^3 but less than 151 m^3, the heating tank is used for blending of asphalt through agitation within the tank and such is not considered a storage vessel pursuant this Federal Rule.

(b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs)(326 IAC 14, 326 IAC 20, 40 CFR 61 and 40 CFR Part 63) applicable to this proposed Amendment.

State Rule Applicability - Individual Facilities

326 IAC 8-7 (Specific VOC Reduction Requirements for Lake, Porter, Clark and Floyd Counties)

Pursuant to 326 IAC 8-7-2, this rule does not apply to any of the storage tanks in Wabash County since the source is not located in Lake, Porter, Clark or Floyd Counties.

326 IAC 8-9 (Volatile Organic Liquid Vessels)

This rule does not apply to the proposed heating tank to be constructed in Wabash County since it is not located in Lake, Porter, Clark or Floyd Counties.

State Rule Applicability - Insignificant Activities

326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)

Since each heater in this proposed Amendment has potential SO_2 emissions of less than twenty-five (25) tons per year or ten (10) pounds per hour, therefore this rule is not applicable to any of these proposed facilities.

326 IAC 8-1-6 (New facilities: general reduction requirements)

Since each heater in this proposed Amendment has a potential VOC emission rate of less than twenty-five (25) tons per year, therefore this rule is not applicable to any of these proposed facilities.

326 IAC 8 (Volatile Organic Compound Rules)

There are no other 326 IAC 8 rules that apply.

Compliance Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

There are no compliance monitoring requirements applicable to the proposed facilities.

Testing Requirements

No testing is required since AP-42 emission factors have been used for the insignificant activities' natural gas combustion as well as the Tanks program for emissions from the heating tank.

Proposed Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in bold):

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

(uu) One (1) ~~Two (2)~~ existing permitted natural gas fired steam boiler~~s~~, known as ~~SB-901 and~~ SB-903, with backup capability to burn a blend of No. 1 or 2 fuel oils and biofuel, exhausted through Stack~~s SB-901 and~~ SB-903, rated at ~~36.0 and~~ 8.37 million British thermal units per hour, ~~constructed in 1970 and~~ installed in 1997~~, respectively~~.

(vv) One (1) natural gas fired steam boiler, known as SB-904, with backup capability to burn a blend of Nos. 1, 2 or 6 fuel oils and biofuel, exhausted through Stack SB-904, rated at 16.723 million British thermal units per hour (500 horsepower) to be installed.

(ww) One (1) heating tank, known as ST-RR, exhausting to Stack ST-RR, capacity: 30,000 gallons of asphalt, throughput capacity: 400 gallons of asphalt per minute.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(l)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour**, including:**

(1) One (1) thermal transfer hot oil heater, known as HO-1, exhausting to Stack HO-1, rated at 3.2 million British thermal units per hour.

(2) One (1) direct-fired internal tank heater, known as HO-2, exhausting to Stack HO-2, rated at 3.2 million British thermal units per hour.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: - **Storage Tanks Not Subject to NSPS - Continued**

(s) Three (3) sodium hydroxide storage tanks, known as ST-036, ST-037 and ST-038, constructed in 1965, capacity: 20,118 gallons, each.

(t) One (1) asphalt vertical fixed roof storage tank, known as ST-043, constructed in 1965, capacity: 2,392,068 gallons.

(u) One (1) asphalt vertical fixed roof storage tank, known as ST-044, constructed in 1968, capacity: 1,105,188 gallons.

(v) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-046, constructed in 1960, capacity: 427,644 gallons.

(w) One (1) heavy oils, kerosene or asphalt internal floating roof storage tank, known as ST-047, constructed in 1960, capacity: 428,568 gallons.

(x) One (1) waste water vertical fixed roof storage tank, known as ST-048, constructed in 1956, capacity: 110,292 gallons.

(y) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-49, capacity: 110,171 gallons.

(z) One (1) crude oil, heavy oils, or kerosene interface vertical fixed roof storage tank, known as ST-051, constructed in 1960, capacity: 5,000 gallons.

(aa) One (1) heavy oils, or kerosene vertical fixed roof storage tank, known as ST-052, constructed in 1973, capacity: 6,006 gallons.

(bb) One (1) cutback asphalt vertical fixed roof storage tank, known as ST-053, constructed in 1956, capacity: 118,692 gallons.

(cc) One (1) kerosene vertical fixed roof storage tank, known as ST-054, constructed in 1968, capacity: 120,078 gallons.

(dd) One (1) asphalt vertical fixed roof storage tank, known as ST-055, constructed in 1968, capacity: 1,520,148 gallons.

(ee) One (1) slop oil vertical fixed roof storage tank, known as ST-057, constructed in 1956, capacity: 85,386 gallons.

(ff) One (1) heavy oils, kerosene or asphalt vertical fixed roof storage tank, known as ST-058, constructed in 1973, capacity: 6,015 gallons.

(gg) One (1) oily wastewater and slop oil vertical fixed roof storage tank, known as ST-059, capacity: 37,983 gallons.

(pp) One (1) asphalt cement loading rack, known as LRA-1, capacity: 54,000 gallons per hour.

(qq) One (1) MC cutback asphalt loading rack, known as LRMC-1, capacity: 36,000 gallons per hour.

(rr) One (1) kerosene loading rack, constructed in 1997, known KLR capacity: 48,000 gallons of kerosene per hour.

(ww) One (1) heating tank, known as ST-RR, exhausting to Stack ST-RR, capacity: 30,000 gallons of asphalt, throughput capacity: 400 gallons of asphalt per minute.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

There are no conditions for the storage tanks, loading rack and tube heaters listed in Section D.1.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Steam Boilers

(uu) One (1) ~~Two (2)~~ existing permitted natural gas fired steam boiler~~s~~, known as ~~SB-901 and~~ SB-903, with backup capability to burn a blend of No. 1 or 2 fuel oils and biofuel, exhausted through Stack~~s~~ ~~SB-901 and~~ SB-903, rated at ~~36.0 and~~ 8.37 million British thermal units per hour, ~~constructed in 1970 and~~ installed in 1997~~, respectively~~.

(vv) One (1) natural gas fired steam boiler, known as SB-904, with backup capability to burn a blend of Nos. 1, 2 or 6 fuel oils and biofuel, exhausted through Stack SB-904, rated at 16.723 million British thermal units per hour (500 horsepower) to be installed.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.4.4 Particulate Matter Limitation (PM) [326 IAC 6-2]

~~(a) Pursuant to 326 IAC 6-2-3 (d)(Particulate emission limitations for sources of indirect heating: emission limitations for facilities specified in 326 IAC 6-2-1 (b)), particulate emissions from steam boiler, SB-901, used for indirect heating purposes which was existing and in operation on or before June 8, 1972, shall in no case exceed 0.8 pounds of particulate matter per million British thermal units heat input.~~

~~(b)~~ Pursuant to 326 IAC 6-2-4 (Emission limitations for facilities specified in 326 IAC 6-2-1 (c)), particulate emissions from steam boilers, SB-903 and SB-904, used for indirect heating purposes shall not exceed 0.407 and 0.374 pounds of particulate matter per million British thermal units heat input, respectively.

~~D.4.6 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]~~

~~For steam boiler, SB-901, pursuant to 326 IAC 7-1.1 (SO_2 Emissions Limitations) the SO_2 emissions from the thirty-six (36.0) million British thermal units per hour boiler on No. 1, No. 2 or biofuel shall not exceed five tenths (0.5) pounds per million British thermal units heat input.~~

~~D.4.7 Sulfur Dioxide (SO_2) [326 IAC 2-8]~~

~~(a) The total input of equivalent No. 1 or No. 2 fuel oil to steam boiler, SB-901, shall be limited to 1,151,627 gallons per twelve (12) consecutive month period. This fuel limit is equivalent to 40.9 tons per year of SO_2.~~

~~(b) For purposes of determining compliance based on SO_2 emissions each gallon of biofuel shall be equivalent to 0.360 gallons of No. 1 or No. 2 fuel oil.~~

~~(c) For purposes of determining compliance based on SO_2 emissions each million cubic feet of natural gas shall be equivalent to 8.45 gallons of No. 1 or No. 2 fuel oil.~~

D.4.~~6~~8 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for ~~SB-901 and~~ SB-904 and any control devices.

Compliance Determination Requirements

D.4.**7**9 Sulfur Dioxide Emissions and Sulfur Content

Pursuant to 40 CFR 60, Subpart Dc, the Permittee shall demonstrate compliance for steam boiler~~s~~, ~~SB-901 and~~ SB-904 utilizing one of the following options:

(a) Providing vendor analysis of fuel delivered, if accompanied by a certification; or

(b) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.

(1) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

(2) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.

D.4.**8**~~10~~ Sulfur Dioxide Emissions and Sulfur Content

Compliance for steam boiler, SB-903, shall be determined utilizing one of the following options.

(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed five-tenths percent (0.5%) by weight by:

(1) Providing vendor analysis of fuel delivered, if accompanied by a certification; or

(2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.

(A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

(B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling; or

(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the thirteen (13) MMBtu per hour heater, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.4.**9**~~11~~ Visible Emissions Notations

(a) Visible emission notations of the ~~SB-901,~~ SB-903 and SB-904 stack exhausts shall be performed once per shift during normal daylight operations when exhausting to the atmosphere burning Nos. 1, 2, 6 fuel oil or biofuel. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting

startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.4.1**0**~~2~~ Record Keeping Requirements

(a) To document compliance with Condition~~s~~ D.4.5 ~~and D.4.6~~, the Permittee shall maintain records for steam boiler~~s~~, ~~SB-901 and~~ SB-904, in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur limit applies at all times including periods of startup, shutdown, and malfunction.

(1) Calendar dates covered in the compliance determination period;

(2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

(3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; the natural gas fired boiler certification does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1); and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

(4) Fuel supplier certifications.

(5) The name of the fuel supplier; and

(6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

(b) To document compliance with Condition D.4.**9**~~11~~, the Permittee shall maintain records of daily visible emission notations of the ~~SB-901,~~ SB-903 and SB-904 stack exhausts when burning Nos. 1, 2, 6 fuel oil or biofuel.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

~~D.4.13 Reporting Requirements~~

~~A quarterly summary of the information to document compliance with Condition D.4.7 when No. 1, No.2 or No.6 fuel oil, biofuel or natural gas was combusted, and the natural gas fired boiler certification, shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Laketon Refining Corporation
Source Address: 2784 West Lukens Lake Road, Laketon, Indiana 46943
Mailing Address: PO Box 68123, Indianapolis, Indiana 46268-0123
FESOP No.: F 169-7939-00006
Facility: SB-901
Parameter: No. 1. or No. 2 equivalent fuel oil
Limit: 1,151,627 gallons per twelve (12) consecutive month period
Each gallon of biofuel is equivalent to 0.360 gallons of No. 1 or No. 2 fuel oil
Each million cubic feet of natural gas is equivalent to 8.45 gallons of No. 1 or No. 2 fuel oil

YEAR: _____

Month	Number Gallons of Nos. 1 or 2 Fuel Oil or Equivalent Used	Number Gallons of Nos. 1 or 2 Fuel Oil or Equivalent Used	Number Gallons of Nos. 1 or 2 Fuel Oil or Equivalent Used
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

The name of IDEM's "Office of Air Management" was changed to "Office of Air Quality" on January 1, 2001. All references to "Office of Air Management" in the permit have been changed to "Office of Air Quality" and all references to "OAM" have been changed to "OAQ." For your convenience, the entire FESOP will be provided when issued.

Conclusion

The addition of the proposed facilities shall be subject to the conditions of the attached Administrative Amendment No. 169-14472-00006.

Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Small Industrial Boiler

Company Name: Laketon Refining Corporation
Address City IN Zip: 2784 West Lukens Lake Road, Laketon, Indiana 46943
Administrative Amendment: AAF 169-14472
Plt ID: 169-00006
Reviewer: Mark L. Kramer
Date: May 30, 2001

Heaters
HO-1 and HO-2
3.2 MMBtu/hr each

Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr
6.400	56.06

Pollutant

	PM*	PM10*	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	1.9	7.6	0.6	100.0 **see below	5.5	84.0
Potential Emission in tons/yr	0.053	0.213	0.017	2.80	0.154	2.35

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.
MMBtu = 1,000,000 Btu
MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu
Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton
Note: Check the applicable rules and test methods for PM and PM10 when using the above emission factors to confirm that the correct factor is used (i.e., condensable included/not included).
See page 2 for HAPs emissions calculations.

Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Small Industrial Boiler

HAPs Emissions

Company Name: **Laketon Refining Corporation**
Address City IN Zip: **2784 West Lukens Lake Road, Laketon, Indiana 46943**
Administrative Amendment: **AAF 169-14472**
Plt ID: **169-00006**
Reviewer: **Mark L. Kramer**
Date: **May 30, 2001**

HAPs - Organics

	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	5.887E-05	3.364E-05	2.102E-03	5.046E-02	9.531E-05

HAPs - Metals

	Lead	Cadmium	Chromium	Manganese	Nickel	Total HAPs
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03	
Potential Emission in tons/yr	1.402E-05	3.084E-05	3.924E-05	1.065E-05	5.887E-05	0.053

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.