

Mr. Chris Robertson
Ken-Koat, Inc.
P.O. Box 1027
Huntington, IN 46750

Re: **069-13557**
First Administrative Amendment to
Part 70 069-7676-00018

Dear Mr. Robertson:

Ken-Koat, Inc. was issued a permit on July 9, 1999 for a metal coating source. A letter requesting a change was received on October 25, 2000. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows:

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), no owner or operator of a facility engaged in the surface coating of miscellaneous metal parts or products may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.5 pounds of VOC per gallon of coating less water.
- (b) When operating the thermal oxidizer, CE-3, to achieve the limit established under 326 IAC 8-2-9 (3.5 pounds of VOC emitted to the atmosphere per gallon of coating less water) the thermal oxidizer shall maintain a minimum **overall VOC control efficiency of 92.2%** ~~94.1% capture efficiency and a minimum 98% destruction efficiency of the VOC captured. These efficiencies~~ **This efficiency** and the use of the thermal oxidizer are required by 326 IAC 8-1-2 (a)(2). Based upon 326 IAC 8-1-2(c) and the overall control efficiency of 92.2%, the VOC content of the coating per gallon of solids delivered to any of the facilities listed above in Section D.1 (DC-2, DC-3, DC-4, and DS-2), the following facilities listed in Section D.2 (RCP, COE-3 and COE-4) and COE-5 listed in Section D.5 shall be limited to 67.8. This overall efficiency of 92.2% shall be maintained in order to demonstrate compliance with 326 IAC 8-2-9 and 326 IAC 8-1-2(a)(2).

D.1.7 Recuperative Thermal Oxidizer Operations

- (a) When operating the thermal oxidizer to achieve the limit established under 326 IAC 8-2-9, 3.5 pounds of VOC per gallon of coating less water, the thermal oxidizer shall maintain a minimum operating temperature of 1400° F, or a minimum operating temperature as determined by the most recent compliance test, to maintain a minimum **overall VOC control efficiency of 92.2%** ~~94.1% capture efficiency and a 98% destruction efficiency of the volatile organic compounds captured.~~ The recuperative thermal oxidizer shall operate at all times, to demonstrate compliance with Conditions D.1.1 and D.1.2, when DC-2, DC-3, DC-4, and DS-2 are in operation.
- (b) The owner or operator shall install, calibrate, operate and maintain a device that continuously records the combustion temperature of any effluent gases incinerated to achieve compliance with the limit in Condition D.1.2.

- (1) This device shall have an accuracy of $\pm 2.5\text{EC}$ or ± 0.75 percent of the temperature range measured in degrees Celsius, whichever is greater.
- (c) Any change or modification which may increase the VOC actual emissions to 250 tons per year or more shall require prior approval from OAM before such change may occur.

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), no owner or operator of a facility engaged in the surface coating of miscellaneous metal parts or products may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.5 pounds of VOC per gallon of coating less water.
- (b) When operating the thermal oxidizer, CE-3, to achieve the limit established under 326 IAC 8-2-9 (3.5 pounds of VOC emitted to the atmosphere per gallon of coating less water) the thermal oxidizer shall maintain a minimum **overall VOC control efficiency of 92.2%** ~~94.4% capture efficiency and a minimum 98% destruction efficiency of the VOC captured. These efficiencies~~ **This efficiency** and the use of the thermal oxidizer are required by 326 IAC 8-1-2 (a)(2).

Based upon 326 IAC 8-1-2(c) and the overall control efficiency of 92.2%, the VOC content of the coating per gallon of solids delivered to any of the facilities listed above in Section D.2 (DC-1, RCP, COE-3 and COE-4) and the facilities listed in Section D.1 (DC-2, DC-3, DC-4, and DS-2) and COE-5 listed in Section D.5 shall be limited to 67.8. This overall efficiency of 92.2% shall be maintained in order to demonstrate compliance with 326 IAC 8-2-9 and 326 IAC 8-1-2(a)(2).

- (c) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), solvent sprayed from the application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.
- (d) The input of VOC to DC-1, RCP, COE-3, and COE-4 and the usage of cleanup solvent for DC-1, RCP, COE-3, and COE-4 (the usage of cleanup solvent may need to take into account any recycling of cleanup rags or reused solvent) shall be limited to 2564 tons used per twelve (12) consecutive months period. This limitation will prevent the VOC emissions from DC-1, RCP, COE-3, and COE-4 from being greater than 200 tons per twelve (12) consecutive month period. This limitation is based upon the use of a control device with an overall control efficiency of 92.2%.
- (e) The input of VOC including cleanup solvent, minus the VOC solvent shipped out, delivered to the applicators of SB-1, SB-2, SB-3 and SB-4 shall each be limited to less than 25 tons per twelve (12) consecutive month period. Therefore, the requirements of 326 IAC 8-2-9 will not apply.
- (f) The input VOC of COE-1, COE-2 and DS-1 shall each be limited to less than 25 tons per twelve (12) consecutive month period. Therefore, the requirements of 326 IAC 8-2-9 will not apply.

D.2.9 Recuperative Thermal Oxidizer Operations

- (a) When operating the thermal oxidizer to achieve the limit established under 326 IAC 8-2-9, 3.5 pounds of VOC per gallon of coating less water, the thermal oxidizer shall maintain a minimum operating temperature of 1400° F, or a minimum operating temperature as determined by the most recent compliance test, to maintain a minimum **overall VOC control efficiency of 92.2%** ~~94.1% capture efficiency and a 98% destruction efficiency of the volatile organic compounds captured.~~ The recuperative thermal oxidizer shall operate at all times, to demonstrate compliance with Condition D.2.1, when DC-1, RCP, COE-3 and COE-4 are in operation.
- (b) The owner or operator shall install, calibrate, operate and maintain a device that continuously records the combustion temperature of any effluent gases incinerated to achieve compliance with the limit in Condition D.1.2.
- (1) This device shall have an accuracy of $\pm 2.5\text{EC}$ or ± 0.75 percent of the temperature range measured in degrees Celsius, whichever is greater.
- (c) Any change or modification which may increase the VOC actual emissions to 250 tons per year or more shall require prior approval from OAM before such change may occur.

D.5.3 Volatile Organic Compound (VOC) [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), no owner or operator of a facility engaged in the surface coating of miscellaneous metal parts or products may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.5 pounds of VOC per gallon of coating less water.
- (b) When operating the thermal oxidizer, CE-3, to achieve the limit established under 326 IAC 8-2-9 (3.5 pounds of VOC emitted to the atmosphere per gallon of coating less water) the thermal oxidizer shall maintain a minimum **overall VOC control efficiency of 92.2%** ~~94.1% capture efficiency and a minimum 98% destruction efficiency of the VOC captured. These efficiencies~~ **This efficiency** and the use of the thermal oxidizer are required by 326 IAC 8-1-2 (a)(2). Based upon 326 IAC 8-1-2(c) and the overall control efficiency of 92.2%, the VOC content of the coating per gallon of solids delivered to the facilities listed above in Section D.5 (COE-5), the following facilities listed in Section D.1 (DC-2, DC-3, DC-4, and DS-2), and the following facilities listed in Section D.2 (RCP, COE-3 and COE-4) shall be limited to 67.8. This overall efficiency of 92.2% shall be maintained in order to demonstrate compliance with 326 IAC 8-2-9 and 326 IAC 8-1-2(a)(2).

D.5.9 Recuperative Thermal Oxidizer Operations

- (a) When operating the thermal oxidizer to achieve the limit established under 326 IAC 8-2-9, 3.5 pounds of VOC per gallon of coating less water, the thermal oxidizer shall maintain a minimum operating temperature of 1400° F, or a minimum operating temperature as determined by the most recent compliance test, to maintain a minimum **overall VOC control efficiency of 92.2%** ~~94.1% capture efficiency and a 98% destruction efficiency of the volatile organic compounds captured.~~ The recuperative thermal oxidizer shall operate at all times, to demonstrate compliance with Conditions D.5.3 and D.5.4, when COE-5 is in operation.
- (b) Any change or modification which may increase the VOC actual emissions to 250 tons per year or more shall require prior approval from OAM before such change may occur.

Ken-Koat, Inc.
Huntington, Indiana
Revised by: MES

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OP T069-7676-00018

The required overall control efficiency is not changing, but the capture and destruction efficiencies may fluctuate as long as the minimum overall control efficiency is 92.2%. 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 CarrieAnn Ortolani, c/o OAM, 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,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments
CAO/MES

cc: File - Huntington County
U.S. EPA, Region V
Huntington County Health Department
Air Compliance Section Inspector - Ryan Hillman
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT

**Ken-Koat, Inc.
1605 Riverfork Drive East
Huntington, Indiana 46750**

(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 2-7 and 326 IAC 2-1-3.2 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.: T069-7676-00018	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: July 9, 1999

First Administrative Amendment No.: 069-13557-00018	Pages affected: 34, 35, 37, 39, 50, 52
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

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

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), no owner or operator of a facility engaged in the surface coating of miscellaneous metal parts or products may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.5 pounds of VOC per gallon of coating less water.
- (b) When operating the thermal oxidizer, CE-3, to achieve the limit established under 326 IAC 8-2-9 (3.5 pounds of VOC emitted to the atmosphere per gallon of coating less water) the thermal oxidizer shall maintain a minimum overall VOC control efficiency of 92.2%. This efficiency and the use of the thermal oxidizer are required by 326 IAC 8-1-2 (a)(2). Based upon 326 IAC 8-1-2(c) and the overall control efficiency of 92.2%, the VOC content of the coating per gallon of solids delivered to any of the facilities listed above in Section D.1 (DC-2, DC-3, DC-4, and DS-2), the following facilities listed in Section D.2 (RCP, COE-3 and COE-4) and COE-5 listed in Section D.5 shall be limited to 67.8. This overall efficiency of 92.2% shall be maintained in order to demonstrate compliance with 326 IAC 8-2-9 and 326 IAC 8-1-2(a)(2).

D.1.2 New Source Toxics Control [326 IAC 2-1-3.4]

The allowable HAP emissions shall be based on the Maximum Achievable Control Technology (MACT) analysis determined by the Office of Air Management. The MACT for the facilities listed above in section D.1 (DC-2, DC-3, DC-4, and DS-2), shall be the use of the thermal oxidizer, CE-3, as described in Condition D.1.1(b), in combination with the application method of dip coating. The overall efficiency of this control device shall be 92.2%.

D.1.3 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]

Any change or modification which may increase the VOC PTE of DC-2, DC-3, DC-4, DS-2, CE-3 COE-5 (listed in Section D.5) to greater than 249 tons per year, shall require prior approval from the Office of Air Management before such change may occur.

D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for DC-2, DC-3, DC-4, and DS-2 and any control devices (CE-3).

Compliance Determination Requirements

D.1.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

- (a) Testing of this facility is specifically required by this permit and pursuant to CP No. 069-9246-00018, issued on September 25, 1998. Compliance with the control efficiency and minimum operating temperature specified in Condition D.1.1(b) shall be determined by a performance test conducted in accordance with Section C - Performance Testing.
- (b) Pursuant to CP No. 069-9246-00018, issued on September 25, 1998, during the period within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, a performance test shall be required to demonstrate that the source is complying with 326 IAC 8-2-9.

- (1) If the oxidizer is determined to demonstrate compliance, the required temperature and control efficiency shall be specified.
 - (2) If the oxidizer is determined to not demonstrate compliance, the efficiency needed to comply with 326 IAC 8-2-9 shall be determined by the performance test.
 - (3) The source shall be required to comply with the required control efficiency as determined by the performance test.
- (c) This test shall be repeated at least once every two and one-half (2.5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

D.1.6 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAM, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.7 Recuperative Thermal Oxidizer Operations

- (a) When operating the thermal oxidizer to achieve the limit established under 326 IAC 8-2-9, 3.5 pounds of VOC per gallon of coating less water, the thermal oxidizer shall maintain a minimum operating temperature of 1400° F, or a minimum operating temperature as determined by the most recent compliance test, to maintain a minimum overall VOC control efficiency of 92.2%. The recuperative thermal oxidizer shall operate at all times, to demonstrate compliance with Conditions D.1.1 and D.1.2, when DC-2, DC-3, DC-4, and DS-2 are in operation.
 - (1) This device shall have an accuracy of $\pm 2.5\text{EC}$ or ± 0.75 percent of the temperature range measured in degrees Celsius, whichever is greater.
- (b) The owner or operator shall install, calibrate, operate and maintain a device that continuously records the combustion temperature of any effluent gases incinerated to achieve compliance with the limit in Condition D.1.2.
- (c) Any change or modification which may increase the VOC actual emissions to 250 tons per year or more shall require prior approval from OAM before such change may occur.

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

D.1.8 Record Keeping Requirements

- (a) To document compliance with Conditions D.1.1 and D.1.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC and HAPs usage limits and the VOC and HAPs emission limits established in Conditions D.1.1 and D.1.2.

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (a) One (1) dip conveyor designated as DC-1, with a maximum application rate of 34.93 pounds per hour, which utilizes one (1) dryer, and is controlled by thermal oxidizer, CE-3, which exhausts to one (1) stack designated as C3.
- (b) One (1) dip and spin for metal inserts, designated as DS-1, with a maximum adhesive application rate of 5.68 pounds per hour, which exhausts to one (1) stack designated as S-18.
- (c) One (1) ransburg coating process, designated as RCP, controlled by the thermal oxidizer, CE-3, with a maximum metal insert rate of 1000 pounds per hour with the following equipment:
 - (1) Two (2) electrostatic paint booths, designated as EPB-1 and EPB-2 respectively, each with a maximum application rate of 11.42 pounds per hour, each equipped with dry filters for particulate matter control, and each exhausting to one (1) stack designated as S-14 and S-15 respectively.
 - (2) One (1) natural gas fired oven, designated as OVEN-3, which exhausts to one (1) stack, designated as C4.
- (d) Four (4) HVLP spray booths for painting metal inserts, designated as SB-1, SB-2, SB-3 and SB-4, with a maximum adhesive application rate of 5.94 pounds per hour, 11.91 pounds per hour, 4.92 pounds per hour and 4.38 pounds per hour, respectively. All are equipped with dry filters for particulate matter control. SB-1 exhausts to one (1) stack designated as S-10, SB-2 exhausts to one (1) stack designated as S-11, SB-3 exhausts to one (1) stack designated as S-1, and SB-4 exhausts to one (1) stack designated as S-2.
- (e) Four (4) HVLP chain on edge machines, designated as COE-1, COE-2, COE-3 and COE-4, with a maximum adhesive application rate of 9.38 pounds per hour, 2.2 pounds per hour, 21.51 pounds per hour and 16.08 pounds per hour, respectively. Each chain on edge machine is equipped with dry filters for particulate matter control. COE-1 exhausts to two (2) stacks designated as S-12 and S-13. COE-2 exhausts to one (1) stack designated as S-6. COE-3 exhausts to three (3) stacks designated as S-3, S-4 and S-5, and COE-4 exhausts to three (3) stacks S-22, S-23 and S-24, each utilizing the thermal oxidizer, CE-3, to control VOC emissions.

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

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), no owner or operator of a facility engaged in the surface coating of miscellaneous metal parts or products may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.5 pounds of VOC per gallon of coating less water.
- (b) When operating the thermal oxidizer, CE-3, to achieve the limit established under 326 IAC 8-2-9 (3.5 pounds of VOC emitted to the atmosphere per gallon of coating less water) the thermal oxidizer shall maintain a minimum overall VOC control efficiency of 92.2%. This efficiency and the use of the thermal oxidizer are required by 326 IAC 8-1-2 (a)(2).

Compliance Determination Requirements

D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

During the period within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, a performance test shall be required to demonstrate that the source is complying with 326 IAC 8-2-9. This test shall be repeated at least once every two and one-half (2.5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

D.2.6 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Condition D.2.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAM, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.2.7 VOC Emissions

Compliance with Conditions D.2.1 and D.2.2 shall be demonstrated at the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

D.2.8 Particulate Matter (PM)

The dry filters for PM control shall be in operation at all times when the four (4) HVLP spray booths (SB-1 - SB-4), the four (4) chain on edge machines (COE-1 - COE-4) and the ransburg coating process (RCP) are in operation.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.2.9 Recuperative Thermal Oxidizer Operations

- (a) When operating the thermal oxidizer to achieve the limit established under 326 IAC 8-2-9, 3.5 pounds of VOC per gallon of coating less water, the thermal oxidizer shall maintain a minimum operating temperature of 1400° F, or a minimum operating temperature as determined by the most recent compliance test, to maintain a minimum overall VOC control efficiency of 92.2%. The recuperative thermal oxidizer shall operate at all times, to demonstrate compliance with Condition D.2.1, when DC-1, RCP, COE-3 and COE-4 are in operation.
- (b) The owner or operator shall install, calibrate, operate and maintain a device that continuously records the combustion temperature of any effluent gases incinerated to achieve compliance with the limit in Condition D.1.2.
 - (1) This device shall have an accuracy of $\pm 2.5\text{EC}$ or ± 0.75 percent of the temperature range measured in degrees Celsius, whichever is greater.
- (c) Any change or modification which may increase the VOC actual emissions to 250 tons per year or more shall require prior approval from OAM before such change may occur.

SECTION D.5

FACILITY CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (a) One (1) HVLP chain on edge machine, designated as COE-5, with VOC emissions controlled by thermal oxidizer, CE-3, with the following equipment:
 - (1) Two (2) coating booths with a maximum topcoat application rate of 18.70 pounds per hour, which exhausts to one (1) stack designated as C3.
 - (2) One (1) primer booth with a maximum primer application rate of 4.27 pounds per hour, which exhausts to one (1) stack designated as C3.
 - (3) One (1) electric heater which exhausts to one (1) stack designated as C3.

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1 AND 326 IAC 2-7-10.5, WITH CONDITIONS LISTED BELOW.

Construction Conditions

General Construction Conditions

D.5.1 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.5.2 Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

Operation Conditions

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

D.5.3 Volatile Organic Compound (VOC) [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), no owner or operator of a facility engaged in the surface coating of miscellaneous metal parts or products may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.5 pounds of VOC per gallon of coating less water.
- (b) When operating the thermal oxidizer, CE-3, to achieve the limit established under 326 IAC 8-2-9 (3.5 pounds of VOC emitted to the atmosphere per gallon of coating less water) the thermal oxidizer shall maintain a minimum overall VOC control efficiency of 92.2%. This efficiency and the use of the thermal oxidizer are required by 326 IAC 8-1-2 (a)(2). Based upon 326 IAC 8-1-2(c) and the overall control efficiency of 92.2%, the VOC content of the coating per gallon of solids delivered to the facilities listed above in Section D.5 (COE-5), the following facilities listed in Section D.1 (DC-2, DC-3, DC-4, and DS-2), and the following facilities listed in Section D.2 (RCP, COE-3 and COE-4) shall be limited to 67.8. This overall efficiency of 92.2% shall be maintained in order to demonstrate compliance with 326 IAC 8-2-9 and 326 IAC 8-1-2(a)(2).

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.5.9 Recuperative Thermal Oxidizer Operations

- (a) When operating the thermal oxidizer to achieve the limit established under 326 IAC 8-2-9, 3.5 pounds of VOC per gallon of coating less water, the thermal oxidizer shall maintain a minimum operating temperature of 1400° F, or a minimum operating temperature as determined by the most recent compliance test, to maintain a minimum overall VOC control efficiency of 92.2%. The recuperative thermal oxidizer shall operate at all times, to demonstrate compliance with Conditions D.5.3 and D.5.4, when COE-5 is in operation.
- (b) Any change or modification which may increase the VOC actual emissions to 250 tons per year or more shall require prior approval from OAM before such change may occur.

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

D.5.10 Record Keeping Requirements

- (a) To document compliance with Conditions D.5.3 and D.5.4, the Permittee shall maintain records in accordance with (1) through (7) below. Records maintained for (1) through (7) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC and HAPs usage limits and the VOC and HAPs emission limits established in Conditions D.5.3 and D.5.4.
 - (1) The amount and VOC and HAP content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (2) A log of the dates of use;
 - (3) The monthly volume weighted VOC content of the coatings as applied;
 - (4) The cleanup solvent usage for each month;
 - (5) The total VOC usage for each month;
 - (6) The total HAPs usage for each month; and
 - (7) Monthly emissions in pounds of VOC and HAPs.
- (b) To document compliance with Condition D.5.3(b), records of the minimum operating temperature shall be maintained daily.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.5.11 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.5.3 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, 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.