

Mr. T. A. Cosgrove  
Valeo, Inc. Engine Cooling Automotive Division  
1100 East Barachel Lane  
Greensburg, IN 47240-1200

Re: **031-14621**  
First Administrative Amendment to  
**Part 70 031-7017-00014**

Dear Mr. Cosgrove:

Valeo, Inc. was issued a permit on March 28, 2000 for their fabrication plant which produces automobile condensers, radiators, and cooling modules. A letter requesting administrative changes was received on July 13, 2001. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as described in the attached Technical Support Document (TSD).

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 Scott Fulton, at (800) 451-6027, press 0 and ask for Scott Fulton or extension (3-5691), or dial (317) 233-5691.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments

SDF

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

# **PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY**

**Valeo, Inc. Engine Cooling Automotive Division  
1100 E. Barachel Lane  
Greensburg, Indiana 47240-1200**

(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 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.: T031-7017-00014	Date Issued: March 28, 2000
First Administrative Amendment No.: T031-14621-00014	Affected Pages: 4, 5, 6, and 32
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: September 20, 2001

## 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 2-7-4(c)] [326 IAC 2-7-5(15)]

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The Permittee owns and operates a fabrication plant producing automobile condensers, radiators, and cooling modules.

Responsible Official: Mr. T. A. Cosgrove, Site Director  
Source Address: 1100 East Barachel Lane, Greensburg, Indiana 47240-1200  
Mailing Address: 1100 East Barachel Lane, Greensburg, Indiana 47240-1200  
SIC Code: 3714  
County Location: Decatur  
County Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program  
Minor Source, under PSD or Emission Offset Rules;  
Minor Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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

- (a) 6 MM Condenser Line, with a capacity of 300 aluminum cores per hour, consisting of:
  - (1) one (1) solder line, EU-3, using a wet scrubber, CE-3, as control, and exhausting to stack PE-3.
  
- (b) NOCOLOK Line #1, with a capacity of 150 aluminum cores per hour, consisting of:
  - (1) one (1) natural gas core conditioning oven, EU-20, with a capacity of 2.4 million British thermal units per hour (MM Btu/hr), exhausting to stack PE-20,
  - (2) one (1) cool down station, EU-19, exhausting to stack PE-19,
  - (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
  
- (c) NOCOLOK Line #2, with a capacity of 150 aluminum cores per hour, consisting of:
  - (1) one (1) natural gas core conditioning oven, EU-31, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-31,
  - (2) one (1) cool down station, EU-32, exhausting to stack PE-32,
  - (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
  
- (d) NOCOLOK Line #3, with a capacity of 150 aluminum cores per hour, consisting of:
  - (1) three(3) fin mills, with a capacity of 0.49 gal/hr/mill,
  - (2) one (1) natural gas core conditioning oven, EU-44, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-44,
  - (3) one (1) cool down station, EU-45, exhausting to stack PE-45,
  - (4) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.

- (e) NOCOLOK Line #4, with a throughput of 80 aluminum cores (700 pounds) per hour consisting of:
  - (1) one (1) fin mill, with a capacity of 0.49 gal/hr/mill.
  - (2) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
  - (3) one (1) natural gas core conditioning oven, EU-N4CO, with a capacity of 2.0 MM Btu/hr, exhausting to stack PE-53,
  - (4) one (1) conditioning cool down station, exhausting to stack PE-54.
  
- (f) NOCOLOK Line #5, with a throughput of 80 aluminum cores (700 pounds) per hour, consisting of:
  - (1) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
  - (2) one (1) natural gas core conditioning oven, EU-N5CO, with a capacity of 2.0 MM Btu/hr, and, exhausting to stack PE-59,
  - (3) one (1) cool down station, exhausting to stack PE-60.
  
- (g) NOCOLOK Line # 6, with a capacity of 400 lbs/hr, consisting of:
  - (1) one (1) core assembly process,
  - (2) one (1) natural gas core conditioning oven, with a capacity of 4.0 MMBTU/hr, exhausting to stack PE-600A, B ,
  - (3) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-601,
  - (4) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-602,
  - (5) one (1) nitrogen electric braze oven, exhausting to stack PE-603A, B,
  - (6) one (1) mass spec test with helium lubricating oil, exhausting to stack PE-604,
  - (7) one (1) natural gas paint dryoff oven, with a capacity of 0.4 MMBTU/hr, exhausting to stack PE-605.
  
- (h) NOCOLOK Line # 7, with a capacity of 300 lbs/hr, consisting of:
  - (1) one (1) core assembly process,
  - (2) one (1) natural gas core conditioning oven, with a capacity of 2.0 MMBTU/hr, exhausting to stack PE-700A, B,
  - (3) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-701,
  - (4) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-702,
  - (5) one (1) nitrogen electric braze oven, exhausting to stack PE-703A, B,
  - (6) one (1) mass spec test with helium lubricating oil, exhausting to stack PE- 704,
  - (7) one (1) natural gas paint dryoff oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-705.
  
- (i) Mechanical Radiator, EU-53, utilizing no control, and not exhausting to a stack, consists of three (3) fin press lines which includes the application of 4.4 pounds per hour of evaporating oil for each press.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]  
[326 IAC 2-7-5(15)]

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One (1) manifold press, identified as P3, with a maximum design evaporative oil usage rate of 0.27 gallons per hour.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

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This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

## **SECTION D.3 FACILITY OPERATION CONDITIONS**

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

Mechanical Radiator, EU-53, utilizing no control, and not exhausting to a stack, consisting of three (3) fin press lines, P0, P1, and P2, and one (1) manifold press, P3, which include the application of 4.4 pounds per hour of evaporating oil for each press.

## **Emissions Limitations and Standards**

### **D.3.1 Volatile Organic Compounds (VOC)**

- (a) The VOC input from the evaporating oil usage on each of the Presses P0, P1, and P2, and manifold press P3, shall be less than twenty-five (25) tons per twelve month consecutive period. Therefore, the best available control technology (BACT) requirement in 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) does not apply.
- (b) Any change or modification which may increase the potential VOC emissions from the equipment covered above must be approved by the Office of Air Quality (OAQ) before such change may occur.

## **Compliance Determination Requirements**

### **D.3.2 Testing Requirements [326 IAC 2-7-6(1)]**

Testing of these facilities is not specifically required by this permit. However, if testing is required, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing. This does not preclude testing requirements on this facility under 326 IAC 2-7-5 and 326 IAC 2-7-6.

## **Recordkeeping Requirements**

### **D.3.3 Record Keeping Requirements**

- (a) To document compliance with Condition D.3.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC emission limits established in Condition D.3.1.
  - (1) records of amount of evaporating oil usage,
  - (2) percent VOC of evaporating oil, and
  - (3) VOC emissions per month.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

## Indiana Department of Environmental Management Office of Air Quality

### Technical Support Document (TSD) for a Administrative Amendment to a Part 70 Permit

#### Source Background and Description

**Source Name:** Valeo, Inc. Engine Cooling Automotive Division  
**Source Location:** 1100 E. Barachel Lane, Greensburg, IN 47240-1200  
**County:** Decatur  
**SIC Code:** 3714  
**Operation Permit No.:** T031-7017-00014  
**Operation Permit Issuance Date:** March 28, 2000  
**Administrative Amendment No.:** T031-14621-00014  
**Permit Reviewer:** SDF

The Office of Air Quality (OAQ) has reviewed an administrative amendment application from Valeo, Inc. Engine Cooling Automotive Division, relating to the operation of their fabrication plant which produces automobile condensers, radiators, and cooling modules.

#### Background

On July 13, 2001, Valeo, Inc. submitted an application to incorporate the following changes into their Title V permit.

- Valeo, Inc. has requested that the responsible official be changed to Mr. T. A. Cosgrove, Site Director.
- Valeo, Inc. has also requested that the following equipment be removed from the descriptions because the equipment was never installed or has been removed.

Permit Location	Description	Status	Reason
Source Summary	Mechanical Radiator, EU-53, one fin press at 4.4 lb/hr evaporate oil @ 5.9 lb/gal VOC, PTE = 17.5 tpy VOC	removed	down sized
Insignificant Activities	Heater Core, silicon gasket application	removed	eliminated
	3,500 gallon trichloroethylene storage tank (indoor)	removed	eliminated
	Nocolok autowelder	removed	eliminated
	Nocolok braze inlet/outlet tubes	removed	eliminated
	Nolok bracket weld/braze	removed	eliminated
	6 mm condenser line, auxiliary solder machine	removed	eliminated

3. Valeo, inc. has also requested that the following insignificant activities be added:

Permit Location	Description	Status	Reason
Insignificant Activities	Manifold press and assembly using 0.27 gph evaporative oil @ 3.5 lb/gal VOC, PTE 4.1 tons/yr PTE	Installation 9/1/01	New equipment to replace mechanical radiator loss of production
	2 natural gas boilers rated at 1.7 MMBtu/hr each, PTE = 2.1 tpy NOx	Installation 9/1/01	Replacement of existing boilers for more energy efficient and lower volume boilers.

### Existing Approvals

The source was issued Title V Permit (031-7017-00014) on March 28, 2000. This is the most current approval for the source.

### Enforcement Issue

There are no enforcement actions pending.

### 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.

### Emission Calculations

#### **UNRESTRICTED POTENTIAL TO EMIT DUE TO THE MODIFICATION:**

The equipment proposed in this application include a manifold press and two natural gas boilers rated at 1.7 MMBtu/hr, each.

The emissions generated by the proposed amendment are VOC emissions from the manifold press and the combustion emissions created due to the new boilers.

#### **1. Manifold Press Emissions:**

The following calculations determine the unrestricted VOC PTE from the manifold press based on use of evaporative oil, a maximum usage rate of 0.27 gallons per hour, a maximum oil VOC content of 3.5 lb oil/gal, 8760 hours of operation, and emissions before controls.

$$3.5 \text{ lb VOC/gal} * 0.27 \text{ gal/hr} * 8760 \text{ hr/yr} * 1/2000 \text{ ton/lb} = 4.14 \text{ tons VOC/yr}$$

The addition of the manifold press will not allow any increases in production or emissions from any other units of the source.



**2. Boilers:**

The following calculations determine the unrestricted PTE from the boilers based on natural gas combustion, a combined capacity of 3.4 MMBtu/hr, AP-42 emission factors, 8760 hours of operation, and emissions before controls.

$$3.4 \text{ MMBtu/hr} * 8760 \text{ hr/yr} * 1 \text{ E6 Btu/MMBtu} * 1/1000 \text{ cf/Btu} * 1/1\text{E6 MMcf/cf} * \text{Ef lb poll/MMcf} * 1/2000 \text{ ton poll/lb poll} = \text{ton poll/yr}$$

	PM 1.9 lb/MMcf	PM10 7.6 lb/MMcf	SO2 0.6 lb/MMcf	NOx 100 lb/MMcf	VOC 5.5 lb/MMcf	CO 84 lb/MMcf
<b>ton/yr</b>	<b>neg.</b>	<b>0.10</b>	<b>neg.</b>	<b>1.50</b>	<b>0.10</b>	<b>1.30</b>

The addition of the boilers will not allow any increases in production or emissions from any other units of the source.

**Potential To Emit**

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 due to the amendment based on the above estimated emissions calculations. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	neg.
PM-10	0.10
SO <sub>2</sub>	neg.
VOC	4.24
CO	1.30
NO <sub>x</sub>	1.50

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

**Justification for Amendment**

The combined emissions from the proposed activities are less than the exempt levels specified in 326 IAC 2-1.1-3(d)(1).

Both the manifold press and boilers are determined to be insignificant activities under 326 IAC 2-7-1(21)(A) which states any emission unit whose uncontrolled potential emissions meet the exemption levels specified in 326 IAC 2-1.1-3(d)(1) is an insignificant activity.

These insignificant activities are incorporated into the Title V permit via an administrative amendment pursuant to 326 IAC 2-7-11(a)(2) which states that any change in the name, address, telephone number, of any person identified in the Part 70 permit, or provides a similar minor administrative change at the source, is an administrative amendment to a Part 70 permit.

### County Attainment Status

The source is located in Decatur County.

Pollutant	Status
PM <sub>10</sub>	attainment or unclassifiable
SO <sub>2</sub>	attainment or unclassifiable
NO <sub>2</sub>	attainment or unclassifiable
Ozone	attainment or unclassifiable
CO	attainment or unclassifiable
Lead	attainment or unclassifiable

- (a) Volatile organic compounds (VOC) and oxides of nitrogen (NO<sub>x</sub>) are precursors for the formation of ozone. Therefore, VOC and NO<sub>x</sub> emissions are considered when evaluating the rule applicability relating to the ozone standards. Decatur County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO<sub>x</sub> emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration, 326 IAC 2-2 and 40 CFR 52.21.
- (b) Decatur County has been classified as attainment or unclassifiable for all 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

Existing Source PSD Definition (emissions after controls, based upon 8760 hours of operation per year as obtained from the Title V TSD (031-7017-00014), issued March 28, 2000):

Pollutant	Actual Emissions (tons/year)
PM	0.29
PM-10	0.29
SO <sub>2</sub>	0
VOC	147
CO	0
HAP	3
NO <sub>x</sub>	0

- (a) This existing source is not a major PSD 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) This existing source is a Title V major stationary source because VOCs are emitted at a rate of 100 tons per year or more.

**Potential to Emit of Source After Issuance**

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units after controls. The control equipment is considered federally enforceable only after issuance of this Title V amendment.

Process/facility	Potential to Emit (tons/year)						
	PM	PM <sub>10</sub>	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	HAPs
Existing Source PTE	0.29	0.29	0.00	147.00	0.00	0.00	3.00
Modification PTE	neg.	0.10	neg.	4.24	1.30	1.50	0.00
Source After Proposed Amendment	<b>0.29</b>	<b>0.39</b>	<b>neg.</b>	<b>151.24</b>	<b>1.30</b>	<b>1.50</b>	<b>3.00</b>

Part 70 Major Source Threshold	-	100	100	100	100	100	10 ind. 25 tot.
PSD Threshold Level	250	250	250	100	250	250	-

- (a) The source maximum production rate shall remain the same. Thus, there will be no increase in the source permitted emission rate.
- (b) This modification to an existing minor stationary source is not major because the emissions after the modification are less than the PSD threshold levels. Therefore, pursuant to 326 IAC 2-2 and 40 CFR 52.21, the PSD requirements do not apply.
- (c) This modification to the existing Title V will not change the status of the stationary source because the VOC emissions from the entire source will still be greater than the Part 70 major source threshold of 100 tons per year.

**Federal Rule Applicability**

**New Source Performance Standards (NSPS):**

There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR 60) that become applicable due to the proposed modification.

**40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units:**

40 CFR 60, Subpart Dc does not apply to this source because the combined capacity of the boilers (3.4 MMBtu/hr) is less than the applicable individual capacity of 10 MMBtu/hr.

**National Emission Standards for Hazardous Air Pollutants (NESHAP):**

There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs)(326 IAC 14 and 40 CFR Part 63) that become applicable due to the proposed modification.

## State Rule Applicability

### Entire Source:

There are no entire source state rules that become applicable due to this proposed amendment because the preventive maintenance plan (326 IAC 1-6-3), opacity limitations (326 IAC 5-1), fugitive dust limitations (326 IAC 6-4) and the emission statement (326 IAC 2-6 and 2-7-5) already apply.

### Individual Facilities:

There are no individual facility state rules that become applicable due to this proposed amendment.

## Compliance Requirements

Permits issued under 326 IAC 2-7 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 2-7-5. 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 new compliance determination or compliance monitoring requirements that become applicable due to the proposed modification.

## Recordkeeping and Reporting Requirements

There are no new recordkeeping or reporting requirements that become applicable due to the proposed modification.

## Proposed Changes

The following changes shall be made to the permit as a result of the proposed modifications:

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

### 1. Change of Responsible Official:

Condition A.1 shall be amended as follows to reflect the change in responsible official.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a fabrication plant producing automobile condensers, radiators, and cooling modules.

Responsible Official: ~~Mark Rynearson~~ **Mr. T. A. Cosgrove, Site Director**  
Source Address: 1100 East Barachel Lane, Greensburg, Indiana 47240-1200  
Mailing Address: 1100 East Barachel Lane, Greensburg, Indiana 47240-1200  
SIC Code: 3714  
County Location: Decatur  
County Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program  
Minor Source, under PSD or Emission Offset Rules;  
Minor Source, Section 112 of the Clean Air Act

**2. Removal of Fin Press and Insignificant Activities:**

**a. Fin Press:**

Condition A.2(i) (Source Description), the description of Section D.3 (Fin Presses P0 - P3), and Condition D.1 (Emission Standards and Requirements) shall be amended to remove fin press (P3). No other changes to the other conditions of Section D.3 or the requirements of Sections B and C are necessary because removing fin press P3 from the permit will not affect any of the other applicable requirements under Section D.3 or the requirements of Sections B and C.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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

- (a) 6 MM Condenser Line, with a capacity of 300 aluminum cores per hour, consisting of:
  - (1) one (1) solder line, EU-3, using a wet scrubber, CE-3, as control, and exhausting to stack PE-3.
  
- (b) NOCOLOK Line #1, with a capacity of 150 aluminum cores per hour, consisting of:
  - (1) one (1) natural gas core conditioning oven, EU-20, with a capacity of 2.4 million British thermal units per hour (MM Btu/hr), exhausting to stack PE-20,
  - (2) one (1) cool down station, EU-19, exhausting to stack PE-19,
  - (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
  
- (c) NOCOLOK Line #2, with a capacity of 150 aluminum cores per hour, consisting of:
  - (1) one (1) natural gas core conditioning oven, EU-31, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-31,
  - (2) one (1) cool down station, EU-32, exhausting to stack PE-32,
  - (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
  
- (d) NOCOLOK Line #3, with a capacity of 150 aluminum cores per hour, consisting of:
  - (1) three(3) fin mills, with a capacity of 0.49 gal/hr/mill,
  - (2) one (1) natural gas core conditioning oven, EU-44, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-44,
  - (3) one (1) cool down station, EU-45, exhausting to stack PE-45,

- (4) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
- (e) NOCOLOK Line #4, with a throughput of 80 aluminum cores (700 pounds) per hour consisting of:
  - (1) one (1) fin mill, with a capacity of 0.49 gal/hr/mill.
  - (2) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
  - (3) one (1) natural gas core conditioning oven, EU-N4CO, with a capacity of 2.0 MM Btu/hr, exhausting to stack PE-53,
  - (4) one (1) conditioning cool down station, exhausting to stack PE-54.
- (f) NOCOLOK Line #5, with a throughput of 80 aluminum cores (700 pounds) per hour, consisting of:
  - (1) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
  - (2) one (1) natural gas core conditioning oven, EU-N5CO, with a capacity of 2.0 MM Btu/hr, and, exhausting to stack PE-59,
  - (3) one (1) cool down station, exhausting to stack PE-60.
- (g) NOCOLOK Line # 6, with a capacity of 400 lbs/hr, consisting of:
  - (1) one (1) core assembly process,
  - (2) one (1) natural gas core conditioning oven, with a capacity of 4.0 MMBTU/hr, exhausting to stack PE-600A, B ,
  - (3) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-601,
  - (4) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-602,
  - (5) one (1) nitrogen electric braze oven, exhausting to stack PE-603A, B,
  - (6) one (1) mass spec test with helium lubricating oil, exhausting to stack PE-604,
  - (7) one (1) natural gas paint dryoff oven, with a capacity of 0.4 MMBTU/hr, exhausting to stack PE-605.
- (h) NOCOLOK Line # 7, with a capacity of 300 lbs/hr, consisting of:
  - (1) one (1) core assembly process,
  - (2) one (1) natural gas core conditioning oven, with a capacity of 2.0 MMBTU/hr, exhausting to stack PE-700A, B,
  - (3) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-701,
  - (4) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-702,
  - (5) one (1) nitrogen electric braze oven, exhausting to stack PE-703A, B,
  - (6) one (1) mass spec test with helium lubricating oil, exhausting to stack PE- 704,
  - (7) one (1) natural gas paint dryoff oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-705.
- (i) Mechanical Radiator, EU-53, utilizing no control, and not exhausting to a stack, consists of:
  - (4) ~~four~~ **three (43)** fin press lines which includes the application of 4.4 pounds per hour of evaporating oil for each press.

### SECTION D.3 FACILITY OPERATION CONDITIONS

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

Mechanical Radiator, EU-53, utilizing no control, and not exhausting to a stack, consisting of ~~four~~**three (43)** fin press lines, P0, P1, ~~and P2, and P3~~, which include the application of 4.4 pounds per hour of evaporating oil for each press.

#### D.3.1 Volatile Organic Compounds (VOC)

- (a) The VOC input from the evaporating oil usage on each of the Presses P0, P1, ~~and P2, and P3~~, is less than twenty-five (25) tons per twelve month consecutive period. Therefore, the best available control technology (BACT) requirement in 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) does not apply.
- (b) Any change or modification which may increase the potential VOC emissions from the equipment covered above must be approved by the Office of Air Management (OAM) before such change may occur.

#### **b. Insignificant Activities:**

No changes to the Title V permit need to be made as a result of removing the listed insignificant activities because:

- (1) the applicable condition (Condition A.3 (Specifically Regulated Insignificant Activities)) does not have any insignificant activities listed in this condition (including the insignificant activities to be removed); and
- (2) there is no Section D for the insignificant activities of the source.

No other changes to the Title V permit are required as a result of removing the specified insignificant activities because removing these activities does not affect the conditions of Sections B and C.

### **3. Addition of the Manifold Press and 2 Natural Gas Boilers:**

#### **a. Manifold Press:**

Condition A.3 (Specifically Regulated Insignificant Activities) shall be amended to include the proposed manifold press (P3) because the press is determined to be an insignificant activity and the VOC emissions shall be limited to less than 25 tons/yr, as required in Condition D.3.1.

The description of Section D.3 and Condition D.3.1 shall be amended to include the manifold press. No other changes to Section D.3 or Sections B and C are required because the adding the manifold press does not affect the other applicable requirements of Section D.3 or the requirements of Sections B and C.

#### A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

~~This stationary source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1(21) that have applicable requirements.~~

**One (1) manifold press, identified as P3, with a maximum design evaporative oil usage rate of 0.27 gallons per hour.**

## SECTION D.3 FACILITY OPERATION CONDITIONS

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

Mechanical Radiator, EU-53, utilizing no control, and not exhausting to a stack, consisting of ~~four~~**three (3)** fin press lines, P0, P1, ~~and P2, and P3~~, **and one (1) manifold press, P3**, which include the application of 4.4 pounds per hour of evaporating oil for each press.

### D.3.1 Volatile Organic Compounds (VOC)

- (a) The VOC input from the evaporating oil usage on each of the Presses P0, P1, ~~and P2, and P3~~, **and manifold press P3**, ~~is shall be~~ less than twenty-five (25) tons per twelve month consecutive period. Therefore, the best available control technology (BACT) requirement in 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) does not apply.
- (b) Any change or modification which may increase the potential VOC emissions from the equipment covered above must be approved by the Office of Air Management (OAM) before such change may occur.

#### **b. Boilers:**

No changes to Condition A.3 are necessary because the boilers have no applicable requirements associated with them.

In addition, no other changes to the Title V permit are necessary because there are no new applicable requirements in Sections B and C and there is no Section D associated with the boilers.

## **Conclusion**

The operation of this proposed amendment shall be subject to the conditions of the attached proposed administrative amendment T 031-14621-00014.