



Frank O'Bannon  
Governor

Lori F. Kaplan  
Commissioner

July 25, 2003

100 North Senate Avenue  
P. O. Box 6015  
Indianapolis, Indiana 46206-6015  
(317) 232-8603  
(800) 451-6027  
www.IN.gov/idem

TO: Interested Parties / Applicant

RE: **ELSA, LLC 095-17348-00048**

FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

## Notice of Decision - Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

Governor

Lori F. Kaplan  
Commissioner

100 North Senate Avenue  
P. O. Box 6015  
Indianapolis, Indiana 46206-

6015

(317) 232-8603  
(800) 451-6027  
[www.state.in.us/idem](http://www.state.in.us/idem)

Mr. Erl Haapanen  
ELSA, LLC  
1240 South Street Road 37  
Elwood, Indiana 46036

July 25, 2003

Re: 095-17348-00048  
Third Administrative Amendment to  
Part 70 095-7668-00048

Dear Mr. Haapanen:

ELSA, LLC was issued a Part 70 permit on April 17, 1998 for an automobile fuel tank and exhaust systems manufacturing plant. A letter requesting to add some insignificant units was received on May 28, 2003. Pursuant to the provisions of 2-7-11, the permit is hereby administratively amended as follows:

1. The Permittee requested to use different type of paints in three (3) existing paint booths, which exhausts to stacks 34, 35, and 44. The new paints will comply with the VOC content limit of 3.5 lbs/gal, which was established in the source's Part 70 permit, Condition D.2.1(a). The potential VOC emissions from each of the booth will still be less than 25 tons/yr. Since these paint booths will still comply with the existing permit conditions, there is no change in the permit as a result of this modification.
2. The Permittee requested to construct and operate the following units:
  - (a) Two (2) overhead heaters, using natural gas as fuel, each with a maximum heat input rate of 0.12 MMBtu/hr, exhausting to stacks 120 and 121, respectively.
  - (b) One (1) spinning converter oven, using natural gas as fuel, with a maximum heat input rate of 0.9 MMBtu/hr, exhausting to stack 122.

The total potential to emit from these units is less than the exemption thresholds in 326 IAC 2-1.1-3 (e)(1). These units are considered insignificant activities, according to the definition in 326 IAC 2-7-1 (21)(G). In addition, there are no specifically applicable requirements for these units. Therefore, Condition A.3 has been revised as follows:

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

- 
- (12) **Two (2) overhead heaters, constructed in 2003, using natural gas as fuel, each with a maximum heat input rate of 0.12 MMBtu/hr, exhausting to stacks 120 and 121, respectively.**
  - (13) **One (1) spinning converter oven, constructed in 2003, using natural gas as fuel, with a maximum heat input rate of 0.9 MMBtu/hr, exhausting to stack 122.**
3. The Permittee requested to remove the existing touch-up paint booth, which exhausts to stack 46. Therefore, Conditions A.2, D.2, D.3, and D.4 have been revised as follows:



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

---

*Frank O'Bannon*  
Governor

*Lori F. Kaplan*  
Commissioner

6015

100 North Senate Avenue  
P. O. Box 6015  
Indianapolis, Indiana 46206-

(317) 232-8603  
(800) 451-6027  
[www.state.in.us/idem](http://www.state.in.us/idem)

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

---

- ~~(10) One (1) paint booth, identified as Touch-up, with dry filters for overspray control, and exhausting to stack 46.~~
- (1110) Welding operations consisting of the following:
- (1211) One (1) paint burn-off oven.

**SECTION D.2 FACILITY OPERATION CONDITIONS**

**Facility Description:**

- (2) One (1) paint booth, identified as PVC paint, with a maximum capacity of 28 units/hr, with dry filters for overspray control, and exhausting to stack 14.
- (3) One (1) paint booth, identified as top coat, with a maximum capacity of 40 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 15.
- (4) One (1) paint booth, identified as touch-up, with a maximum capacity of 40 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 16.
- (5) One (1) paint booth, identified as BU, with a maximum capacity of 31 units/hr, with dry filters for overspray control, and exhausting to stack 17.
- (6) One (1) paint booth, identified as wax robot, with a maximum capacity of 36 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 34.
- (7) One (1) paint booth, identified as wax touch up, with a maximum capacity of 36 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 35.
- (8) One (1) paint booth, identified as BV, with a maximum capacity of 38 units/hr, with dry filters for overspray control, and exhausting to stack 41.
- (9) One (1) paint booth, identified as Mazda PVC, with a maximum capacity of 23 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 44.
- ~~(10) One (1) paint booth, identified as Touch-up, with dry filters for overspray control, and exhausting to stack 46.~~

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

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

---

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating), the volatile organic compound (VOC) content of coating delivered to the applicator at the ~~eleven (11)~~ paint booths shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for forced warm air dried coatings.

D.2.2 PSD Minor Modification [326 IAC 2-2] [40 CFR 52.21]

---

- (a) Any change or modification which may increase the volatile organic compound (VOC) emissions from the BV paint booth to 40 tons per year or more must be approved by IDEM, ~~OAM and AOAM~~ **OAQ** before any such change may occur.

- (b) Any change or modification which may increase the volatile organic compound (VOC) emissions from the Mazda PVC paint booth to 40 tons per year or more must be approved by IDEM, ~~ΘAM~~ and ~~AΘAM~~ **OAQ** before any such change may occur.

**D.2.3 Particulate Matter (PM) [40 CFR 52, Subpart P] ~~[326 IAC 6-3-2(e)]~~**

---

Pursuant to ~~326 IAC 6-3-2~~ **40 CFR 52, Subpart P**, the PM from **each of the eleven** paint booths shall not exceed the pound per hour emission rate established as E in the following formula:

**D.2.6 Volatile Organic Compounds (VOC)**

---

Compliance with the VOC content and usage limitations contained in Conditions D.2.1 and D.2.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3)(A) and 326 IAC 8-1-2(a)(7) using formulation data supplied by the coating manufacturer. IDEM, ~~ΘAM~~, and ~~AΘAM~~ **OAQ** 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 Particulate Matter (PM) [326 IAC 6-3]**

---

Pursuant to CP 095-7134-00048, issued on June 9, 1997, the dry filters for PM control shall be in operation at all times when the ~~nine (9)~~ paint booths are in operation.

**SECTION D.3**

**FACILITY OPERATION CONDITIONS**

**Facility Description:**

(4410) Welding operations consisting of the following:

- (a) Eight (8) metal inert gas (MIG) welders identified as AB-2, AB-4, AB-5, AB-6, AB-7, AB-8, AB-10, and AB-16 exhausting to stack 1.
- (b) Twenty-two (22) metal inert gas (MIG) welders identified as AJ-2, AJ-3, AJ-4, AJ-5, AJ-6, AJ-7, AJ-8, AJ-12, AX-1, AX-2, AX-3, AX-4-1, AX-5, AX-6, AX-7-1, AX-8, AX-9, AX-10-1, AX-11, AX-13-2, AX-14-1, and AX-15-1, exhausting to stack 2.
- (c) One (1) oxyacetylene welder identified as AC-2 exhausting to stack 4.
- (d) Four (4) metal inert gas (MIG) welders identified as AE-8, AE-10, AE-11, and AE-12 exhausting to stack 5.
- (e) Eight (8) metal inert gas (MIG) welders identified as AP-5, AP-8, AP-10, AP-18, AP-28, AP-30, AP-33, and AP-37, exhausting to stack 6.
- (f) Fifteen (15) metal inert gas (MIG) welders identified as AF-2, AF-3, AF-7, AF-8, AF-10, AF-11, AF-16-1, AF-16-2, AF-19-1, AA-03, AA-04, AA-05, AA-06, AA-08-1, and AA-10 exhausting to stack 7.
- (g) Three (3) metal inert gas (MIG) welders identified as AT-06, AT-08, AT-09 and one (1) tungsten inert gas (TIG) welder identified as AT-10 exhausting to stack 8.
- (h) Eight (8) metal inert gas (MIG) welders identified as AG-2, AG-10, AG-11, AG-01, AG-04, AH-02, AH-03, and AH-08 exhausting to stack 28.
- (i) Seventeen (17) metal inert gas (MIG) welders identified as AI-05, AI-06, AI-09, AI-11, AI-3, AI-15, AI-16, AI-17, AI-18, AI-20, AI-21, AI-21, AS-05, AS-06, AS-13, AS-15-1, and AS-16-2 exhausting to stack 29.
- (j) Forty-two (42) metal inert gas (MIG) welders identified as BD-01, BD-02, BD-03, BD-04, BD-05, BD-06, BD-08, BD-12, BD-13, BD-14, BK-01, BK-02, BK-03, BK-05, BK-06, BK-07, BK-13, BL-04, BL-05, BL-06, BL-09, BL-10, BL-11, BL-13, BL-16, BL-18, BL-23, BL-24, BL-25, BL-26, BL-27, BL-28, BL-29, BL-31, BL-32, BL-33, BL-35, BV-9-2, BV-10, BV-11, BV-13, and BV-13-1 exhausting to stack 33.
- (k) Forty-two (42) metal inert gas (MIG) welders identified as BD-01, BD-02, BD-03, BD-04, BD-05, BD-06, BD-08, BD-12, BD-13, BD-14, BK-01, BK-02, BK-03, BK-05, BK-06, BK-07, BK-13, BL-04, BL-05, BL-06, BL-09, BL-10, BL-11, BL-13, BL-16, BL-18, BL-23, BL-24, BL-25, BL-26, BL-27, BL-28, BL-29, BL-31, BL-32, BL-33, BL-35, BV-9-2, BV-10, BV-11, BV-13, and BV-13-1 exhausting to stack 33.
- (l) Twenty-seven (27) metal inert gas (MIG) welders identified as BJ-01, BJ-02, BJ-04, BJ-06, BJ-09, BJ-10, BM-01, BM-02, BM-03, BM-04, BN-01, BN-2-2, BN-2-3, BN-04, BN-05, BN-8-2, BN-11, BO-01, BO-02, BO-03, BO-05, BU-31, BU-33, BU-32, BU-34-1, BU-35-1, and BU-35-2, exhausting to stack 38.
- (m) Twenty-one (21) metal inert gas (MIG) welders identified as BB-01, BB-02, BB-03, BG-01, BG-02, BG-03, BG-04, BG-06, BG-07, BG-09, BG-10, BG-12, BG-16, BP-01, BP-02, BP-03, BP-04, BP-05, BO-01, BO-02, and BO-03, exhausting to stack 39.

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



**SECTION D.4 FACILITY OPERATION CONDITIONS**

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

(~~4211~~) One (1) paint burn-off oven.

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

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.

Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Yu-Lien Chu, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7871 to speak directly to Ms. Chu. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,  
**Original signed by**  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments

ERG/YC

cc: File - Madison County  
U.S. EPA, Region V  
Madison County Health Department  
Anderson Office of Air Quality  
Air Compliance Section Inspector - D. J. Knotts  
Compliance Data Section - Karen Nowak  
Administrative and Development - Sara Cloe  
Technical Support and Modeling - Michele Boner  
TV Renewal Reviewer - ERG/Audrey Okemo



Frank O'Bannon  
Governor

Lori F. Kaplan  
Commissioner

100 North Senate Avenue  
P. O. Box 6015  
Indianapolis, Indiana 46206-

6015

(317) 232-8603  
(800) 451-6027  
www.state.in.us/idem

## PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**ELSA, L.L.C.**  
**1240 South SR 37**  
**Elwood, Indiana 46036**

(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.: T095-7668-00048	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: April 17, 1998  Expiration Date: April 17, 2003

First Administrative Amendment No.: 095-15742-00048, issued on July 26, 2002.

Second Administrative Amendment No.: 095-16128-00048, issued on November 25, 2002.

Third Administrative Amendment No.: 095-17348-00048	Affected Pages: 6, 7, 39, 40, 43, and 44
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: <b>July 25, 2003</b>



## 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)]

---

The Permittee owns and operates a stationary automobile fuel tank and exhaust systems manufacturing operation.

Responsible Official: Erl Haapanen  
Source Address: 1240 South SR 37, Elwood, IN 46036  
Mailing Address: 1240 South SR 37, Elwood, IN 46036  
SIC Code: 3714  
County Location: Madison County  
Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program Major Source, under PSD Rules;  
Major 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)]

---

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

- (1) One (1) open top vapor degreaser utilizing trichloroethylene, identified as facility ID AN01, with a maximum capacity of 2.3 gal/hr, and exhausting to stack 3.
- (2) One (1) paint booth, identified as PVC paint, with a maximum capacity of 28 units/hr, with dry filters for overspray control, and exhausting to stack 14.
- (3) One (1) paint booth, identified as top coat, with a maximum capacity of 40 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 15.
- (4) One (1) paint booth, identified as touch-up, with a maximum capacity of 40 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 16.
- (5) One (1) paint booth, identified as BU, with a maximum capacity of 31 units/hr, with dry filters for overspray control, and exhausting to stack 17.
- (6) One (1) paint booth, identified as wax robot, with a maximum capacity of 36 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 34.
- (7) One (1) paint booth, identified as wax touch up, with a maximum capacity of 36 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 35.
- (8) One (1) paint booth, identified as BV, with a maximum capacity of 38 units/hr, with dry filters for overspray control, and exhausting to stack 41.
- (9) One (1) paint booth, identified as Mazda PVC, with a maximum capacity of 23 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 44.

- (10) Welding operations consisting of the following:
- (i) Eight (8) metal inert gas (MIG) welders identified as AB-2, AB-4, AB-5, AB-6, AB-7, AB-8, AB-10, and AB-16 exhausting to stack 1.
  - (ii) Twenty-two (22) metal inert gas (MIG) welders identified as AJ-2, AJ-3, AJ-4, AJ5, AJ-6, AJ-7, AJ-8, AJ-12, AX-1, AX-2, AX-3, AX-4-1, AX-5, AX-6, AX-7-1, AX8, AX-9, AX-10-1, AX-11, AX-13-2, AX-14-1, and AX-15-1, exhausting to stack 2.
  - (iii) One (1) oxyacetylene welder identified as AC-2 exhausting to stack 4.
  - (iv) Four (4) metal inert gas (MIG) welders identified as AE-8, AE-10, AE-11, and AE-12 exhausting to stack 5.
  - (v) Eight (8) metal inert gas (MIG) welders identified as AP-5, AP-8, AP-10, AP-18, AP-28, AP-30, AP-33, and AP-37, exhausting to stack 6.
  - (vi) Fifteen (15) metal inert gas (MIG) welders identified as AF-2, AF-3, AF-7, AF-8, AF-10, AF-11, AF-16-1, AF-16-2, AF-19-1, AA-03, AA-04, AA-05, AA-06, AA08-1, and AA-10 exhausting to stack 7.
  - (vii) Three (3) metal inert gas (MIG) welders identified as AT-06, AT-08, AT-09 and one (1) tungsten inert gas (TIG) welder identified as AT-10 exhausting to stack 8.
  - (viii) Eight (8) metal inert gas (MIG) welders identified as AG-2, AG-10, AG-11, AG01, AG-04, AH-02, AH-03, and AH-08 exhausting to stack 28.
  - (ix) Seventeen (17) metal inert gas (MIG) welders identified as AI-05, AI-06, AI-09, AI-11, AI-13, AI-15, AI-16, AI-17, AI-18, AI-20, AI-21, AI-21, AS-05, AS-06, AS13, AS-15-1, and AS-16-2 exhausting to stack 29.
  - (x) Forty-two (42) metal inert gas (MIG) welders identified as BD-01, BD-02, BD-03, BD-04, BD-05, BD-06, BD-08, BD-12, BD-13, BD-14, BK-01, BK-02, BK-03, BK-05, BK-06, BK-07, BK-13, BL-04, BL-05, BL-06, BL-09, BL-10, BL-11, BL13, BL-16, BL-18, BL-23, BL-24, BL-25, BL-26, BL-27, BL-28, BL-29, BL-31, BL-32, BL-33, BL-35, BV-9-2, BV-10, BV-11, BV-13, and BV-13-1 exhausting to stack 33.
  - (xi) Eleven (11) metal inert gas (MIG) welders identified as AK-01, AK-02, AK-03, AY-1-1, AY-02, AY-03, AY-05, AY-06, AY-7-1, AY-7-2, AY-9-1 exhausting to stack 37.
  - (xii) Twenty-seven (27) metal inert gas (MIG) welders identified as BJ-01, BJ-02, BJ-04, BJ-06, BJ-09, BJ-10, BM-01, BM-02, BM-03, BM-04, BN-01, BN-2-2, BN-23, BN-04, BN-05, BN-8-2, BN-11, BO-01, BO-02, BO-03, BO-05, BU-31, BU33, BU-32, BU-34-1, BU-35-1, and BU-35-2, exhausting to stack 38.
  - (xiii) Twenty-one (21) metal inert gas (MIG) welders identified as BB-01, BB-02, BB-03, BG-01, BG-02, BG-03, BG-04, BP-05, BO-01, BO-02, and BO-03, exhausting to stack 39.
- (11) One (1) paint burn-off oven.

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 also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (1) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as Sh-1 (3.8 MMBtu/hr) and exhausting to stack 10.
- (2) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as Sh-2 (3.8 MMBtu/hr) and exhausting to stack 11.
- (3) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as Rec-3 (3.8 MMBtu/hr) and exhausting to stack 13.
- (4) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as dry-off, bake oven (4.5 MMBtu/hr) and exhausting to stack 18 and 19.
- (5) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as washer B (1.75 MMBtu/hr) and exhausting to stack 20 and 21.
- (6) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as washer C (1.75 MMBtu/hr) and exhausting to stack 22 and 23.
- (7) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as J washer (1.0 MMBtu/hr) and exhausting to stack 30.
- (8) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as Ford washer C (2.5 MMBtu/hr) and exhausting to stack 31 and 32.
- (9) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as wax bake oven (2.75 MMBtu/hr) and exhausting to stack 36.
- (10) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as drying oven (0.74 MMBtu/hr) and exhausting to stack 45.
- (11) Natural gas-fired combustion source with heat input equal to or less than ten (10) million Btu per hour, identified as drying oven (1.00 MMBtu/hr) and exhausting to stack 47.
- (12) Two (2) overhead heaters, constructed in 2003, using natural gas as fuel, each with a maximum heat input rate of 0.12 MMBtu/hr, exhausting to stacks 120 and 121, respectively.
- (13) One (1) spinning converter oven, constructed in 2003, using natural gas as fuel, with a maximum heat input rate of 0.9 MMBtu/hr, exhausting to stack 122.

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

---

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

## SECTION D.2 FACILITY OPERATION CONDITIONS

### Facility Description:

- (2) One (1) paint booth, identified as PVC paint, with a maximum capacity of 28 units/hr, with dry filters for overspray control, and exhausting to stack 14.
- (3) One (1) paint booth, identified as top coat, with a maximum capacity of 40 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 15.
- (4) One (1) paint booth, identified as touch-up, with a maximum capacity of 40 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 16.
- (5) One (1) paint booth, identified as BU, with a maximum capacity of 31 units/hr, with dry filters for overspray control, and exhausting to stack 17.
- (6) One (1) paint booth, identified as wax robot, with a maximum capacity of 36 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 34.
- (7) One (1) paint booth, identified as wax touch up, with a maximum capacity of 36 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 35.
- (8) One (1) paint booth, identified as BV, with a maximum capacity of 38 units/hr, with dry filters for overspray control, and exhausting to stack 41.
- (9) One (1) paint booth, identified as Mazda PVC, with a maximum capacity of 23 fuel tanks/hr, with dry filters for overspray control, and exhausting to stack 44.

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

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating), the volatile organic compound (VOC) content of coating delivered to the applicator at the paint booths shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for forced warm air dried coatings.
- (b) Solvent sprayed from 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.2.2 PSD Minor Modification [326 IAC 2-2] [40 CFR 52.21]

- (a) Any change or modification which may increase the volatile organic compound (VOC) emissions from the BV paint booth to 40 tons per year or more must be approved by IDEM, OAQ before any such change may occur.
- (b) Any change or modification which may increase the volatile organic compound (VOC) emissions from the Mazda PVC paint booth to 40 tons per year or more must be approved by IDEM, OAQ before any such change may occur.

**D.2.3 Particulate Matter (PM) [40 CFR 52, Subpart P]**

---

Pursuant to 40 CFR 52, Subpart P, the PM from each of the paint booths shall not exceed the pound per hour emission rate established as E in the following formula:

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

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

**D.2.4 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 this facility and any control devices.

**Compliance Determination Requirements**

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

---

Testing of this facility is not specifically required by this permit. However, if testing is required, compliance with the PM and VOC limits specified in Conditions D.2.1 and D.2.3 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.

**D.2.6 Volatile Organic Compounds (VOC)**

---

Compliance with the VOC content and usage limitations contained in Conditions D.2.1 and D.2.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3)(A) and 326 IAC 8-1-2(a)(7) using formulation data supplied by the coating manufacturer. IDEM, OAQ 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.2.7 Particulate Matter (PM) [326 IAC 6-3]**

---

Pursuant to CP 095-7134-00048, issued on June 9, 1997, the dry filters for PM control shall be in operation at all times when the paint booths are in operation.

**D.2.8 Monitoring**

---

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, daily observations shall be

**SECTION D.3**

**FACILITY OPERATION CONDITIONS**

**Facility Description:**

- (10) Welding operations consisting of the following:
- (a) Eight (8) metal inert gas (MIG) welders identified as AB-2, AB-4, AB-5, AB-6, AB-7, AB-8, AB-10, and AB-16 exhausting to stack 1.
  - (b) Twenty-two (22) metal inert gas (MIG) welders identified as AJ-2, AJ-3, AJ-4, AJ-5, AJ-6, AJ-7, AJ-8, AJ-12, AX-1, AX-2, AX-3, AX-4-1, AX-5, AX-6, AX-7-1, AX-8, AX-9, AX-10-1, AX-11, AX-13-2, AX-14-1, and AX-15-1, exhausting to stack 2.
  - (c) One (1) oxyacetylene welder identified as AC-2 exhausting to stack 4.
  - (d) Four (4) metal inert gas (MIG) welders identified as AE-8, AE-10, AE-11, and AE-12 exhausting to stack 5.
  - (e) Eight (8) metal inert gas (MIG) welders identified as AP-5, AP-8, AP-10, AP-18, AP-28, AP-30, AP-33, and AP-37, exhausting to stack 6.
  - (f) Fifteen (15) metal inert gas (MIG) welders identified as AF-2, AF-3, AF-7, AF-8, AF-10, AF-11, AF-16-1, AF-16-2, AF-19-1, AA-03, AA-04, AA-05, AA-06, AA-08-1, and AA-10 exhausting to stack 7.
  - (g) Three (3) metal inert gas (MIG) welders identified as AT-06, AT-08, AT-09 and one (1) tungsten inert gas (TIG) welder identified as AT-10 exhausting to stack 8.
  - (h) Eight (8) metal inert gas (MIG) welders identified as AG-2, AG-10, AG-11, AG-01, AG-04, AH-02, AH-03, and AH-08 exhausting to stack 28.
  - (i) Seventeen (17) metal inert gas (MIG) welders identified as AI-05, AI-06, AI-09, AI-11, AI-3, AI-15, AI-16, AI-17, AI-18, AI-20, AI-21, AI-21, AS-05, AS-06, AS-13, AS-15-1, and AS-16-2 exhausting to stack 29.
  - (j) Forty-two (42) metal inert gas (MIG) welders identified as BD-01, BD-02, BD-03, BD-04, BD-05, BD-06, BD-08, BD-12, BD-13, BD-14, BK-01, BK-02, BK-03, BK-05, BK-06, BK-07, BK-13, BL-04, BL-05, BL-06, BL-09, BL-10, BL-11, BL-13, BL-16, BL-18, BL-23, BL-24, BL-25, BL-26, BL-27, BL-28, BL-29, BL-31, BL-32, BL-33, BL-35, BV-9-2, BV-10, BV-11, BV-13, and BV-13-1 exhausting to stack 33.
  - (k) Forty-two (42) metal inert gas (MIG) welders identified as BD-01, BD-02, BD-03, BD-04, BD-05, BD-06, BD-08, BD-12, BD-13, BD-14, BK-01, BK-02, BK-03, BK-05, BK-06, BK-07, BK-13, BL-04, BL-05, BL-06, BL-09, BL-10, BL-11, BL-13, BL-16, BL-18, BL-23, BL-24, BL-25, BL-26, BL-27, BL-28, BL-29, BL-31, BL-32, BL-33, BL-35, BV-9-2, BV-10, BV-11, BV-13, and BV-13-1 exhausting to stack 33.
  - (l) Twenty-seven (27) metal inert gas (MIG) welders identified as BJ-01, BJ-02, BJ-04, BJ-06, BJ-09, BJ-10, BM-01, BM-02, BM-03, BM-04, BN-01, BN-2-2, BN-2-3, BN-04, BN-05, BN-8-2, BN-11, BO-01, BO-02, BO-03, BO-05, BU-31, BU-33, BU-32, BU-34-1, BU-35-1, and BU-35-2, exhausting to stack 38.
  - (m) Twenty-one (21) metal inert gas (MIG) welders identified as BB-01, BB-02, BB-03, BG-01, BG-02, BG-03, BG-04, BG-06, BG-07, BG-09, BG-10, BG-12, BG-16, BP-01, BP-02, BP-03, BP-04, BP-05, BO-01, BO-02, and BO-03, exhausting to stack 39.

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

ELSA, L.L.C.  
Elwood, Indiana  
Permit Reviewer: Jay Paterson

Third Administrative Amendment No.: 095-17348-00048  
Amended by: ERG/YC

Page 45 of 48  
OP No. T075-7668-00048

## SECTION D.4 FACILITY OPERATION CONDITIONS

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

(11) One (1) paint burn-off oven.

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

### D.4.1 Incinerator Requirements [326 IAC 4-2]

---

Pursuant to 326 IAC 4-2 (Burning Regulations for Incinerators), the rotary kiln incinerator shall:

- (1) consist of primary and secondary chambers or the equivalent,
  - (2) be equipped with a primary burner unless burning wood products,
  - (3) comply with 326 IAC 5-1 and 326 IAC 2,
  - (4) be maintained properly as specified by the manufacturer and approved by the Commissioner,
  - (5) be operated according to the manufacturer's recommendations and only burn waste approved by the commissioner,
  - (6) comply with other state and/or local rules or ordinances regarding installation and operation of incinerators,
  - (7) be operated so that emissions of hazardous material including, but not limited to viable pathogenic bacteria, dangerous chemicals or gases, or noxious odors are prevented,
  - (8) be limited as follows:
    - (A) the PM emissions from the burn-off oven shall not exceed three-tenths (0.3) pounds of particulate matter per one thousand (1,000) pounds of dry exhaust gas at standard conditions corrected to fifty percent (50%) excess air, if the maximum burning capacity is two hundred (200) pounds per hour or more, or
    - (B) the PM emissions from the burn-off oven shall not exceed five-tenths (0.5) pounds of particulate matter per one thousand (1,000) pounds of dry exhaust gas at standard conditions corrected to fifty percent (50%) excess air, if the maximum burning capacity is less than two hundred (200) pounds per hour;
- and
- (9) not create a nuisance or a fire hazard.

If any of the above result, the burning shall be terminated immediately.