

CONSTRUCTION PERMIT

Control No. 02011

OFFICE OF AIR MANAGEMENT

Page 1 of 3



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 North Senate

P.O. Box 6015

Indianapolis, Indiana 46206-6015

ARVIN NORTH AMERICAN AUTOMOTIVE

1001 HURRICANE STREET

FRANKLIN, INDIANA

is hereby authorized to construct
and operate

Cadillac paint line that includes the following:

- a) one (1) spray paint booth with a rated capacity of 137 mufflers per hour. Type of spray coating includes electrostatic air atomized guns, with overspray controlled by the dry filters, exhausting to Stack S-2
- b) one (1) natural gas-fired dry off oven with a rated capacity of 6.4 million Btu per hour of heat input, exhausting to Stack S-3, and,
- c) three (3) natural gas-fired parts washer combustion units with a rated capacity of 1.5, 1.5, and 0.8 million Btu per hour of heat input to each gas burner, exhausting to Stack S-1

THIS PERMIT IS ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1 AND 40 CFR 52.780, WITH CONDITIONS LISTED ON THE ATTACHED PAGES.

Identification No. CP 081-4910
ID 005-00020
Expiration Date N/A

Date Issued April 3, 1996
Issued by Paul Dubenky
Commissioner

Arvin North American Automotive
Franklin, Indiana
Permit Reviewer Name: Yogesh Parikh

Page 2 of 3
CP No. 081 -4910
Plt ID No. 081 -00020

Construction Conditions

1. That the data and information supplied with the application shall be considered part of this permit. Prior to any proposed change in construction which may affect potential emissions, this change must be approved by the Office of Air Management (OAM).
2. That this permit to construct does not relieve the permittee of the possibility to comply with the provisions of the Indiana Department of Environmental Management Law (IC 13-7), Air Pollution Control Law (IC 13-1-1) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.
3. That the equipment shall be installed in accordance with the manufacturer's specifications, and as stated in the application.
4. That pursuant to 326 IAC 2-1-9(b) the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is discontinued for a period of one (1) year or more.
5. That notwithstanding Condition No. 6, all requirements and conditions of this construction permit shall remain in effect unless modified consistent with procedures established for modifications of construction permits pursuant to 326 IAC 2.
6. That this document shall also become the first-time operation permit pursuant to 326 IAC 2-1-4 when, prior to start of operation, the following requirements are met:
 - a. The attached affidavit shall be submitted to the Office of Air Management (OAM), verifying that the facilities were constructed as proposed in the application. If construction is done in phases; ie construction is not done continuously, one affidavit must be submitted for each phase of construction. Any permit conditions associated with operation start up dates such as stack testing for New Source Performance Standards (NSPS) shall be applicable to each individual phase.
 - b. Permittee shall receive an Operation Permit Validation Letter from the Chief of the Air Compliance Section and attach it to this document.

The first-time operation permit will be subject to annual operating permit fees pursuant to 326 IAC 2-1-7.1

The permittee shall apply for an operation permit renewal at least ninety (90) days prior to the expiration date established in the validation letter.

7. That when the facility is constructed and placed into operation the following operation conditions shall be met:

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

61-50 gye

MR. ROBERT ELLIOT

ARVIN NORTH AMERICAN AUTOMOTIVE

1001 HURRICANE STREET

FRANKLIN, IN 46131

4a. Article Number

Z 441 082 119

4b. Service Type

- ☐ Registered ☐ Insured
- ☐ Certified ☐ COD
- ☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

4-4-96

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

FP 4910

UNITED STATES POSTAL SERVICE

Official Business



PENALTY FOR PRIVATE
USE TO AVOID PAYMENT
OF POSTAGE, \$300



Print your name, address and ZIP Code here

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



Z 441 052 119

Receipt for
Certified Mail



No Insurance Coverage Provided
Do not use for International Mail
(See Reverse) 61-50 gye

Sent to
MR. ROBERT ELLIOT

ARMAN NORTH AMERICAN AUTOMOTIVE
1001 HURRICANE STREET
P.O. State and Zip Code
FRANKLIN, IN 46131

Postage

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

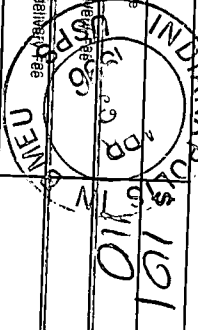
Return Receipt Showing
to Whom & Date Delivered

Return Receipt Showing to Whom,
Date, and Addressee's Address

TOTAL Postage
& Fees

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

Form 3800, March 1993



\$3.21

110

101

**STICK POSTAGE STAMPS TO ARTICLE TO COVER FIRST CLASS POSTAGE.
CERTIFIED MAIL FEE, AND CHARGES FOR ANY SELECTED OPTIONAL SERVICES (see front).**

1. If you want this receipt postmarked, stick the gummed stub to the right of the return address leaving the receipt attached and present the article at a post office service window or hand it to your rural carrier (no extra charge).

2. If you do not want this receipt postmarked, stick the gummed stub to the right of the return address of the article, date, detach and retain the receipt, and mail the article.

3. If you want a return receipt, write the certified mail number and your name and address on a return receipt card, Form 3811, and attach it to the front of the article by means of the gummed ends if space permits. Otherwise, affix to back of article. Endorse front of article **RETURN RECEIPT REQUESTED** adjacent to the number.

4. If you want delivery restricted to the addressee, or to an authorized agent of the addressee, endorse **RESTRICTED DELIVERY** on the front of the article.

5. Enter fees for the services requested in the appropriate spaces on the front of this receipt. If return receipt is requested, check the applicable blocks in item 1 of Form 3811.

6. Save this receipt and present it if you make inquiry.

105603-83-B-0218

PS Form 3800, March 1993 (Reverse)

0164 DA

Arvin North American Automotive
Franklin, Indiana
Permit Reviewer Name: Yogesh Parikh

Page 3 of 3
CP No. 081 -4910
Plt ID No. 081 -00020

Operation Conditions

1. That the data and information supplied in the application shall be considered part of this permit. Prior to any change in the operation which may result in an increase in potential emissions exceeding those specified in 326 IAC 2-1-1, this change must be approved by the Office of Air Management (OAM).
2. That the permittee shall comply with the provisions of the Indiana Environmental Management Law (IC 13-7), Air Pollution Control Law (IC 13-1-1) and the rules promulgated thereunder.
3. That the equipment shall be operated and maintained in accordance with the manufacturer's specifications.
4. Pursuant to 326 IAC 8-2-9, the volatile organic compounds content of the coating applied to the muffler of the motor vehicle exhaust system shall be limited to 3.5 pounds per gallon of coating delivered to the applicator less water.
5. That the records of the quantity of VOC emitted from the permitted Cadillac paint line which includes a spray paint booth and the three stages parts washer with the dry off oven shall be maintained for a minimum period of 24 months and made available upon request of the Office Of Air Management. Any change or modification which may increase potential emissions from the spray paint booth, three stages parts washer and the dry off oven and the other equipment covered under this permit shall obtain a permit pursuant to 326 IAC 2-1.
6. That the particulate matter overspray from the surface coating facilities shall be considered in compliance with 326 IAC 6 provided that the overspray is not:
 - a) visibly detectable at the exhaust and
 - b) accumulated on the rooftops or on the ground.
7. Pursuant to 326 IAC 2-6-4, the owner / operator shall submit an emission statement of the facility for VOC emissions.

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

The submittal must be received by the Office of Air Management each year by April 15. The submittal must comply with the requirements contained in 326 IAC 2-6 and shall cover the latest twelve (12) consecutive month period starting December 1, and ending November 30.

Mail to: Permit Administration & Development Section
Office Of Air Management
100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015

Arvin North American Automotive
1001 Hurricane Street
Franklin, Indiana 46131

Affidavit of Construction

I, _____ being duly sworn upon my oath, depose and say:

1. I live in _____ County, Indiana and being of sound mind and over the twenty -one (21) years of age, I am competent to give this affidavit.
2. I hold the position of _____ for _____
3. By virtue of my position with _____ I have personal knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of _____.
4. I hereby certify that Arvin North American Automotive, 1001 Hurricane Street, Franklin, Indiana 46131, has constructed Cadillac Paint line with the spray paint booth, three (3) stage parts washer combustion units and the dry - off oven with the requirements and intent of the construction permit application received by the Office of Air Management on September 29, 1995 as permitted pursuant to **Construction Permit No. CP- 081 - 4910, Plant ID No. 081 - 00020** issued on _____.

Further Affiant said not.

I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature

Name (typed or printed)

Date

STATE OF INDIANA)
)SS

COUNTY OF _____)

Subscribed and sworn to me, a notary public in and for _____ County
and State of Indiana on this _____ day of _____, 19 _____.

My Commission expires: _____.

Signature

Name (typed or printed)

**Indiana Department of Environmental Management
Office of Air Management**

Technical Support Document (TSD) for New Construction and Operation

**Arvin North American Automotive
1001 Hurricane Street
Franklin, Indiana 46131**

The Office of Air Management has reviewed an application from Arvin North American Automotive, relating to construction and operation of a Cadillac paint line to increase the current production of mufflers in the existing facility.

Arvin North American Automotive currently operates two (2) paint lines at the Franklin plant which are defined as the Cadillac line and the Mazda line. The Mazda line was permitted in 1992. The interim construction permit CP 081-3535, Pit ID 081-00020 was issued to the Cadillac paint line on February 11, 1994, and was put on operation in July 1994. The Cadillac line generated approximately 4.4 tons of VOC emissions in 1994 and the Mazda paint line generated approximately 4.0 tons of VOC in 1994. The remaining 2.1 tons of VOC emissions at the facility were from cleaning the paint equipment and fuel combustion. The total VOC emissions from the source is reported to be 10.5 tons per year. The Mazda line is currently not in use and its future use is uncertain. However, there are no plans to use the Mazda line in the foreseeable future.

The Cadillac line has potential to emit VOC emissions of 33.6 tons per year. Arvin North American Automotive has requested to relax their limit to 99 tons per year. This constitutes that the facility has never operated as a major source in the past and will continue to operate as a minor source.

The Cadillac paint line includes one (1) spray paint booth and a three (3) stage parts washer area with natural gas fired drying oven.

The spray paint booth will increase the production rate from 96 mufflers to 137 mufflers per hour with this proposed modification. The method of paint application is by electrostatic air atomized guns with the overspray controlled by dry filters with 95.0% control efficiency. There are no controls provided to control VOC emissions.

The construction of the Cadillac paint line started in 2/11/94 and was completed in 6/11/94. The interim construction permit was issued on 2/11/94. There was no operation permit issued at that time, and this facility has been in operation. This will be referred to IDEM Office of Enforcement because the source is operating without an operation permit (OWOP)

Stack Summary :

| Stack ID | Operation | Height (feet) | Diameter (feet) | Flow Rate (acfm) | Temperature (°F) |
|----------|--------------|------------------|--------------------|---------------------|---------------------|
| S-1 | Parts washer | 29.0 | 2.0 | 7,030 | 450 |
| S-2 | Spray booth | 29.0 | 2.5 | 30,000 | Ambient |
| S-3 | Drying oven | 29.0 | 1.0 | 7,500 | 450 |

Arvin North American Automotive
Franklin, Indiana
Permit Reviewer: Yogesh Parikh

Page 2 of 4
CP No. 081 -4910
Plt ID No. 081 -00020

Enforcement Issue

IDEM is aware that this Cadillac paint line has been operated prior to receipt of the proper permit. IDEM is reviewing this matter and will take appropriate action. This proposed permit is intended to satisfy the requirements of the construction permit rules.

Recommendation

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

A construction application for the purposes of this review was received on September 29, 1995, with additional information received on October 26, 1995.

Emissions Calculations

See Appendix A (Emissions Calculation Spreadsheets) for detailed calculations.

Total Allowable Emissions

Total Allowable Emissions Definition (emissions after compliance with the rules, based on 8,760 hours of operation per year at rated capacity):

| Pollutant | Emissions (tons/year) |
|-----------------|--------------------------|
| PM | 58.4 |
| VOC | 94.5 |
| CO | 0.9 |
| NO _x | 4.4 |

Allowable emissions (as defined in the Indiana Rule) of Volatile Organic Compounds and the particulate matter are greater than 25 tons per year. Therefore, the facility or source in question requires a construction permit pursuant to 326 IAC 2-1, section 1 and 3.

County Attainment Status

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

Johnson County has been classified as attainment or unclassifiable for the rest of the 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.

Arvin North American Automotive
Franklin, Indiana
Permit Reviewer: Yogesh Parikh

Page 3 of 4
CP No. 081 -4910
Plt ID No. 081 -00020

Source Status:

The Existing source PSD Definition (emissions based upon the letter, dated October 25,1995, from Mr. Andrew H Weisman of Pacific Environmental Services, Inc.) is as follows:

| <u>Pollutant</u> | <u>Tons per year</u> |
|----------------------------------|----------------------|
| Volatile Organic Compounds (VOC) | 10.5 |

This existing source is not a major stationary source because emissions of VOC are not emitted at a rate of 250 tons per year or greater. Therefore, pursuant to 326 IAC 2-2 and 40 CFR 52.21, the PSD requirements do not apply.

Proposed Modification

Allowable PSD emissions from the proposed modification (after compliance with applicable rules, based on 8,760 hours of operation per year at 137 mufflers per hour) are as follows:

| Pollutant | PM (ton/yr) | VOC (ton/yr) | CO (ton/yr) | NO _x (ton/yr) |
|-------------------------------|----------------|-----------------|----------------|-----------------------------|
| Proposed Modification | 3.9 | 94.5 | 0.9 | 4.4 |
| PSD or Offset Threshold Level | 250 | 250 | 250 | 250 |

See attached calculation sheets for detailed calculations.

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

Federal Rule Applicability

There are no New Source Performance Standards (326 IAC 12) applicable to this facility.

State Rule Applicability

326 IAC 8-2-9 (Miscellaneous Metal Coating Operations)

This painting is subject to the above rule. Pursuant to this rule, the volatile organic compound content of coatings applied to the motor vehicle exhaust system shall be limited to:

Air dried coatings: 3.5 lb of VOC/ gallon of coating less water
Based on the volume weighted average, the VOC content is 3.50 lb/gallon of coating. Therefore, it complies with the applicable rule. See Appendix A for detailed compliance calculation.

Arvin North American Automotive
Franklin, Indiana
Permit Reviewer: Yogesh Parikh

CP No. 081 -4910
Plt ID No. 081 -00020

326 IAC 2-6 (Emission reporting)

The modification of the Cadillac paint line does not emit more than 100 tons per year of VOC. Therefore, it is not subject to the rule 326 IAC 2-6.

Air Toxic Emissions

Indiana presently requests applicants to provide information on emissions of 189 selected hazardous pollutants. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries in the state. They are listed as air toxic on the Office of Air Management (OAM) Construction Permit Application Form Y.

This proposed modification will emit levels of air toxics greater than those that constitute major source applicability according to Section 112 of the Clean Air Act. The concentrations of these air toxics were modeled and found to be (in worst case possible) as follows: The concentrations of these air toxics were compared to the Permissible Exposure Limits (PEL) developed by the Occupational Safety and Health Administration (OSHA). The Office of Air Management (OAM) does not have at this time any specific statutory or regulatory authority over these substances. The applicant has been notified in writing that the air toxic emissions exceed the major source applicability levels stated by Section 112 of the Clean Air Act Amendments, and that it would be beneficial, both to the applicant and to the public, for the applicant to take steps to reduce or eliminate these air toxic emissions.

Air Toxic Analysis

| Pollutant | Rate (lb/hr) | Rate @ 8,760 hr/yr (ton/yr) | Modeled Concentration (mg/m ³) | OSHA PEL (mg/m ³) | % OSHA PEL |
|---------------|--------------|-----------------------------|--|-------------------------------|------------|
| Toluene | 0.2479 | 1.0858 | 0.00464 | 375.0 | 0.001 |
| Xylene | 7.4900 | 32.8062 | 0.13700 | 435.0 | 0.030 |
| Glycol Ethers | 0.3229 | 1.4143 | 0.00199 | N/A | N/A |
| Total | 8.0608 | 35.3063 | | | |

Methodology:

Rate (ton/yr) = (rate; lb/hr) * (hr/yr of operation) * (1 ton/2,000 lbs.)

Building Dimensions: Height = 24.0 feet, width = 620.0 feet and length = 940.0 feet.

Conclusion

The modification of this Cadillac paint line used for manufacturing motor vehicle exhaust systems with spray paint booth, three (3) stage washer area and the drying oven will be subject to the conditions of the attached construction permit CP# 081 -4910 , Plt Id. # 081 -00020.

Appendix A

Arvin North American Automotive
1001 Hurricane Street
Franklin, Indiana
CP No. 081 - 4910 - 00020
Emission Calculations:

I. Emissions from the parts washer and dry off oven:

The drying oven has a gas fired burner rated at 6.4 MM Btu per hour and the three stage parts washer has gas fired burners with a rated capacity of 1.5, 1.5 and 0.8 MM Btu per hour. The total usage of natural gas in these washers is 3.8 MM Btu per hour. The total throughput of natural gas will be 10.2 MMBtu per hour which is equivalent to 89.35 MMCF per year.

| Pollutant | PM | PM ₁₀ | SO ₂ | NOx | VOC | CO |
|---------------------------------|-------------|------------------|-----------------|-------------|-------------|-------------|
| Emission factor in lb/MMCF | 12.00 | 12.00 | 0.60 | 100.0 | 3.80 | 21.00 |
| Potential Emissions in Tons/yr. | 0.54 | 0.54 | 0.03 | 4.42 | 0.17 | 0.94 |
| Total | 0.54 | 0.54 | 0.03 | 4.42 | 0.17 | 0.94 |

Methodology :

Pollutant in tons per year =(Maximum throughput ,MMCF/yr) x (emission factor, lb/MMCF) x (1 ton/2,000 lb)

Emissions factors are from AP42 1.4- Natural Gas Combustion (EPA 450/4-90-003, SCC # 1-03-006-03)

II. Emissions from the spray booth S-2: See attached spread sheet for detailed calculations

III. Allowable Emissions Summary: All the emissions listed in the following table are in tons per year.

| Process or equipment | PM | VOC | NOx | SO ₂ | CO |
|----------------------|--------------|--------------|-------------|-----------------|-------------|
| Combustion | 0.54 | 0.17 | 4.42 | 0.03 | 0.94 |
| Painting operations | 57.89 | 94.29 | 0.00 | 0.00 | 0.00 |
| Total | 58.43 | 94.46 | 4.42 | 0.03 | 0.94 |

IV. VOC Emissions after control :

Since there are no controls provided, the VOC emissions after controls will remain the same as potential emissions.

V. PM Emissions after control:

PM emissions after control = Emissions of PM before the control x (1- % control efficiency)
= 57.89 tons/year x (1-0.95)
= 13.75 x 0.05 = 2.89 tons/year.

Arvin North American Automotive
Franklin, Indiana

CP No. 081 -4910
Plt ID No. 081 -00020

VI. Summary of Emissions after control: All emissions listed in the following table are in tons/year.

| Process or equipment | PM | VOC | NOx | SO ₂ | CO |
|----------------------|-------------|--------------|-------------|-----------------|-------------|
| Combustion | 0.54 | 0.17 | 4.42 | 0.03 | 0.94 |
| Paint booth | 2.89 | 94.29 | 0.00 | 0.00 | 0.00 |
| Total | 3.43 | 94.46 | 4.42 | 0.03 | 0.94 |

VII. Compliance verification of 326 IAC 8-2-9:

Rule 326 IAC 8-2-9: Extreme duty coating, the limit is 3.5 lb. of VOC per gallon of coating less water.

Average VOC in lb/gal of coating = summation of (lb of VOC / gal of coating less volume of water in that coating x use of each coating in gal/unit) / Summation of total volume of coating in gallons per unit.

Average VOC in lb/gal of coating less water = $VF = (V_1 \times F_1 + V_2 \times F_2 + V_3 \times F_3 + \dots + V_{19} \times F_{19}) / F = F_1 + F_2 + F_3 + \dots + F_{19}$

Where $V_1 = \frac{\text{Density lb/gal} \times (\text{Wt. of \% organic} - \text{Wt. \% water}) \times \text{gal/unit}}{(1 - \% \text{ weight of water} \times \frac{\text{density of the coating}}{\text{density of water}})}$

= $\frac{\text{column II} \times \text{column III}}{\text{column IV}}$

and F_1 = Volume of each coating in gal/unit. (column I)

| Volume of each coating F=gal/unit | Density in lb/gal | Wt. of % organic | 1- (wt. % of water) (density_of the coating) /density of water | $VF = \frac{I \times II \times III}{IV}$ |
|--------------------------------------|-------------------|------------------|--|--|
| I | II | III | IV | V |
| 0.04400 | 11.79 | 29.30 | 1-0=1 | 0.1519 |
| 0.04400 | 12.30 | 28.70 | 1-0=1 | 0.1553 |
| 0.00025 | 7.24 | 100.00 | 1-0=1 | 0.0018 |
| 0.08825 | | | | 0.3090 |

VF (from column V) = $V_1 F_1 + V_2 F_2 + V_3 F_3 = 0.1519 + 0.1553 + 0.0018 = 0.3090$

F (from column I) = $F_1 + F_2 + F_3 = 0.04400 + 0.04400 + 0.00025 = 0.08825$

Arvin North American Automotive
Franklin, Indiana

CP No. 081 -4910
Pit ID No. 081 -00020

Therefore, $VF/F = 0.3090 / 0.08825 = 3.50$ lb of VOC/gal. of coating less water.

Therefore, the proposed coating will comply with applicable rule 326 IAC 8-2-9.

Plant Point/Segment ID

Use this form to enter new segments or modifications into the AFS system. The BOLD information is necessary for new segment data of existing plant. Use a separate sheet for each segment added. Use RED ink to make modifications in existing segments only. When entering a new plant, all information must be filled in.

CP#: 081 Plant # 081 - 00020 CPS Eng: JP

Plant Name: Arvin North American Automotive, Franklin Plant New Segment Modify Existing: Circle one: N/M

Plant Address: 1001 Hurricane Street City/Zip: Franklin 46131

Contact Person: Robert Elliot Phone #: (317)736-7111 Primary SIC Code: 3714

Mail Address/Zip: Same

Point # _____ Segment# _____ Stack# S-2 SCC# _____

Description of process for point VOC emission from spray paint booth and dry-off oven

Max Design Rate (MDR) N/A (list units e.g. T/H) Annual Process Weight Rate N/A

Ann Fuel Usage 89.35 mmcf Fuel Data: Suplhur (%) NA Ash (%) NA Heat Content 1000 Btu/cu-ft

Hours of Operation: Hrs/Day 24 Days/Week 7 Weeks/Year 52

Control Equipment (description) None for VOC emissions, Dry filter for PM emissions

| | | | | |
|----------------------|------------------|-----------------|---------------------|--------------|
| Pollutant <u>PM</u> | Em. Factor _____ | Appl Rule _____ | Control Eff.% _____ | Allow: _____ |
| Pollutant <u>VOC</u> | Em. Factor _____ | Appl Rule _____ | Control Eff.% _____ | Allow: _____ |
| Pollutant _____ | Em. Factor _____ | Appl Rule _____ | Control Eff.% _____ | Allow: _____ |
| Pollutant _____ | Em. Factor _____ | Appl Rule _____ | Control Eff.% _____ | Allow: _____ |
| Pollutant _____ | Em. Factor _____ | Appl Rule _____ | Control Eff.% _____ | Allow: _____ |
| Pollutant _____ | Em. Factor _____ | Appl Rule _____ | Control Eff.% _____ | Allow: _____ |

Stack Ht. (ft.) 29.0 Stack Dia.(ft.) 2.5 Plume Height(ft)(only if no ht. or dia. available) N/A

Exit Gas Temp (f) Ambient Gas Flow Rate (acfm) 30,000 UTM H: _____ UTM V: _____

Construction Permit #: 081 082-4910 Facility Subject to: PSD NSPS Subpart N/A Offsets NESHAP

Are tests required as part of the operating or construction permit? NC

What time limits are given to the company to complete testing? None

Permit limited potential? Y/N N What are the limitations?(amount) None

Describe what the limitations are for: VOC emissions (35 lb/gal of coating)

For NEW plants or processes, fill form out completely.

For entering petroleum storage tank data, please see NJL.

Date Entered: _____ Year of Emission Inventory _____ Inspector: _____



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Evan Bayh
Governor

Kathy Prosser
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

April 3, 1996

Johnson County Public Library
401 S. State St.
Franklin, IN 46131-2545

**Re: Construction Permit Final Document
Arvin North American Automotive
CP #081-4910-00020
Johnson County, Indiana**

A copy of the final construction permit is enclosed. This information is being sent to your office because you previously received a copy of the proposed public notice permit package. This final document is being provided to you pursuant to 326 IAC 2-1-3.

If you require additional information, please contact Yogesh Parikh at 317/233-0203.

Sincerely,

Gloria Y. Eley
Office of Air Management

Enclosures



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Evan Bayh
Governor
Kathy Prosser
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

April 3, 1996

Ms. Cheryl Newton
Chief Grant Section AR-18J
U.S. EPA, Region V
77 West Jackson Boulevard
Chicago, IL 60604

**Re: Construction Permit Final Document
Arvin North American Automotive
CP #081-4910-00020
Johnson County, Indiana**

A copy of the final construction permit is enclosed. This information is being sent to your office because you previously received a copy of the proposed public notice permit package. This final document is being provided to you pursuant to 326 IAC 2-1-3.

If you require additional information, please contact Yogesh Parikh at 317/233-0203.

Sincerely,

Gloria Y. Eley
Office of Air Management

Enclosures