



June 21, 2024

FedEx Tracking Number 8160 5753 3554

IDEM Air Permits Administration
Attn: Incoming Application
100 North Senate Avenue, IGCN 1003
Indianapolis, IN 46204-2251

Received
State of Indiana
JUN 27 2024 TC-3
Dept of Environmental Mgmt
Office of Air Quality

**RE: Administrative Amendment for Part 70 for General Motors LLC, Fort Wayne Assembly -
Permit Number: 003-40120-00036**

Dear Air Permits Administration,

General Motors LLC Fort Wayne Assembly is requesting an administrative amendment be made to the Part 70 Operating Permit Number 003-41020-00036 to add the following insignificant activities to General Motors LLC-Stonebridge Road:

- Two natural gas-fired heated make-up air units, identified as MAU-6 and MAU-7 constructed in 2024, each with a heat input capacity of 1.47 MMBTU/hr, uncontrolled, exhausting outdoors.

The following documents are also included in this submittal:

- Air Permit Application Cover Sheet
- GSD-01
- Part 70 Operating Permit Certification
- PTE calculations Stonebridge Heaters, AMU

If you have any questions or need additional information, please contact me at (260) 530-6185 or Megan McCutcheon at (270) 392-6034.

Sincerely,

Glenn Perham
GM Environmental Engineer

Enclosures

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: General Motors, LLC - Fort Wayne Assembly
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-41020-00036

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

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify)
- Report (specify)
- Notification (specify)
- Affidavit (specify)
- Other (specify) Add insignificant activities – Two natural gas fired heated make up air units each with a heat input capacity of 1.47 MMBTU/hr

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

Signature: 

Printed Name: Dennys Pimenta

Title/Position: Plant Executive Director

Phone: 260-519-5681

Date: 6/26/24



AIR PERMIT APPLICATION COVER SHEET
 State Form 50639 (R4 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this cover sheet is to obtain the core information needed to process the air permit application. This cover sheet is required for all air permit applications submitted to IDEM, OAQ. Place this cover sheet on top of all subsequent forms and attachments that encompass your air permit application packet.
- Submit the completed air permit application packet, including all forms and attachments, to **IDEM Air Permits Administration** using the address in the upper right hand corner of this page.
- IDEM will send a bill to collect the filing fee and any other applicable fees.
- Detailed instructions for this form are available on the Air Permit Application Forms website.

FOR OFFICE USE ONLY	
PERMIT NUMBER:	
003-48013-00036 AI# 14990	
DATE APPLICATION WAS RECEIVED:	
Received State of Indiana JUN 27 2024 TC-3 Dept of Environmental Mgmt Office of Air Quality	

1. Tax ID Number: [REDACTED]

PART A: Purpose of Application

Part A identifies the purpose of this air permit application. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

2. Source / Company Name: General Motors LLC Fort Wayne Assembly		3. Plant ID: 003 – 0036
4. Billing Address: 12200 Lafayette Center Road		
City: Roanoke	State: IN	ZIP Code: 46783 – 9628
5. Permit Level: <input type="checkbox"/> Exemption <input type="checkbox"/> Registration <input type="checkbox"/> SSOA <input type="checkbox"/> MSOP <input type="checkbox"/> FESOP <input checked="" type="checkbox"/> TVOP <input type="checkbox"/> PBR		
6. Application Summary: Check all that apply. Multiple permit numbers may be assigned as needed based on the choices selected below.		
<input type="checkbox"/> Initial Permit	<input type="checkbox"/> Renewal of Operating Permit	<input type="checkbox"/> Asphalt General Permit
<input type="checkbox"/> Review Request	<input type="checkbox"/> Revocation of Operating Permit	<input type="checkbox"/> Alternate Emission Factor Request
<input type="checkbox"/> Interim Approval	<input type="checkbox"/> Relocation of Portable Source	<input type="checkbox"/> Acid Deposition (Phase II)
<input type="checkbox"/> Site Closure	<input type="checkbox"/> Emission Reduction Credit Registry	
<input type="checkbox"/> Transition (between permit levels) From: To:		
<input checked="" type="checkbox"/> Administrative Amendment: <input type="checkbox"/> Company Name Change <input type="checkbox"/> Change of Responsible Official		
<input type="checkbox"/> Correction to Non-Technical Information <input type="checkbox"/> Notice Only Change		
<input checked="" type="checkbox"/> Other (specify): Add insignificant activity		
<input type="checkbox"/> Modification: <input type="checkbox"/> New Emission Unit or Control Device <input type="checkbox"/> Modified Emission Unit or Control Device		
<input type="checkbox"/> New Applicable Permit Requirement <input type="checkbox"/> Change to Applicability of a Permit Requirement		
<input type="checkbox"/> Prevention of Significant Deterioration <input type="checkbox"/> Emission Offset <input type="checkbox"/> MACT Preconstruction Review		
<input type="checkbox"/> Minor Source Modification <input type="checkbox"/> Significant Source Modification		
<input type="checkbox"/> Minor Permit Modification <input type="checkbox"/> Significant Permit Modification		
<input type="checkbox"/> Other (specify):		
7. Is this an application for an initial construction and/or operating permit for a "Greenfield" Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
8. Is this an application for construction of a new emissions unit at an Existing Source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

PART B: Pre-Application Meeting

Part B specifies whether a meeting was held or is being requested to discuss the permit application.

9. Was a meeting held between the company and IDEM prior to submitting this application to discuss the details of the project?

No Yes: *Date:*

10. Would you like to schedule a meeting with IDEM management and your permit writer to discuss the details of this project?

No Yes: *Proposed Date for Meeting:*

PART C: Confidential Business Information

Part C identifies permit applications that require special care to ensure that confidential business information is kept separate from the public file.

Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in the Indiana Administrative Code (IAC). To ensure that your information remains confidential, refer to the IDEM, OAQ information regarding submittal of confidential business information. For more information on confidentiality for certain types of business information, please review IDEM's Nonrule Policy Document Air-031-NPD regarding Emission Data.

11. Is any of the information contained within this application being claimed as **Confidential Business Information**?

No Yes

PART D: Certification Of Truth, Accuracy, and Completeness

Part D is the official certification that the information contained within the air permit application packet is truthful, accurate, and complete. Any air permit application packet that we receive without a signed certification will be deemed incomplete and may result in denial of the permit.

For a Part 70 Operating Permit (TVOP) or a Source Specific Operating Agreement (SSOA), a "responsible official" as defined in 326 IAC 2-7-1(34) must certify the air permit application. For all other applicants, this person is an "authorized Individual" as defined in 326 IAC 2-1.1-1(1).

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete.

Dennys Pimenta
Name (typed)

Plant Executive Director
Title

Signature

Date

6/26/24



**OAQ GENERAL SOURCE DATA APPLICATION
GSD-01: Basic Source Level Information**

State Form 50640 (R5 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
State of Indiana

IDEM – Office of Air Quality – Permits Branch
100 N. Senate Avenue, MC 61-53 Room 1003
Indianapolis, IN 46204-2251
Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem

JUN 27 2024 TC-3

- NOTES:**
- The purpose of GSD-01 is to provide essential information about the entire source of air pollutant emissions. GSD-01 is a required form. *Indiana Department of Environmental Management, Office of Air Quality*
 - Detailed instructions for this form are available on the Air Permit Application Forms website.
 - All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

PART A: Source / Company Location Information

1. Source / Company Name: General Motors LLC Fort Wayne Assembly		2. Plant ID: 003 – 00036	
3. Location Address: 12200 Lafayette Center Road			
City: Roanoke		State: IN	ZIP Code: 46783 – 9628
4. County Name: Allen		5. Township Name: Roanoke	
6. Geographic Coordinates:			
Latitude: 85:12:02		Longitude: 40:58:24	
7. Universal Transferred Mercadum Coordinates (if known):			
Zone: 16	Horizontal: 643	Vertical: 4357	
8. Adjacent States: Is the source located within 50 miles of an adjacent state? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – <i>Indicate Adjacent State(s):</i> <input type="checkbox"/> Illinois (IL) <input type="checkbox"/> Michigan (MI) <input checked="" type="checkbox"/> Ohio (OH) <input type="checkbox"/> Kentucky (KY)			
9. Attainment Area Designation: Is the source located within a non-attainment area for any of the criteria air pollutants? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – <i>Indicate Nonattainment Pollutant(s):</i> <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> NO _x <input type="checkbox"/> O ₃ <input type="checkbox"/> PM <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> PM _{2.5} <input type="checkbox"/> SO ₂			
10. Portable / Stationary: Is this a portable or stationary source? <input type="checkbox"/> Portable <input checked="" type="checkbox"/> Stationary			

PART B: Source Summary

11. Company Internet Address (optional):
12. Company Name History: Has this source operated under any other name(s)? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – <i>Provide information regarding past company names in Part I, Company Name History.</i>
13. Portable Source Location History: Will the location of the portable source be changing in the near future? <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> No <input type="checkbox"/> Yes – <i>Complete Part J, Portable Source Location History, and Part K, Request to Change Location of Portable Source.</i>
14. Existing Approvals: Have any exemptions, registrations, or permits been issued to this source? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – <i>List these permits and their corresponding emissions units in Part M, Existing Approvals.</i>
15. Unpermitted Emissions Units: Does this source have any unpermitted emissions units? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – <i>List all unpermitted emissions units in Part N, Unpermitted Emissions Units.</i>
16. New Source Review: Is this source proposing to construct or modify any emissions units? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – <i>List all proposed new construction in Part O, New or Modified Emissions Units.</i>
17. Risk Management Plan: Has this source submitted a Risk Management Plan? <input checked="" type="checkbox"/> Not Required <input type="checkbox"/> No <input type="checkbox"/> Yes → Date submitted: _____ EPA Facility Identifier: — —

PART C: Source Contact Information

IDEM will send the original, signed permit decision to the person identified in this section. This person MUST be an employee of the permitted source.

18. Name of Source Contact Person: Glenn Perham

19. Title (optional): Senior Environmental Engineer

20. Mailing Address: 12200 Lafayette Center Road

City: Roanoke

State: IN

ZIP Code: 46783 – 9628

21. Electronic Mail Address (optional): glenn.perham@gm.com

22. Telephone Number: (260) 530 – 6185

23. Facsimile Number (optional): () –

PART D: Authorized Individual/Responsible Official Information

IDEM will send a copy of the permit decision to the person indicated in this section, if the Authorized Individual or Responsible Official is different from the Source Contact specified in Part C.

24. Name of Authorized Individual or Responsible Official: Dennys Pimenta

25. Title: Plant Executive Director

26. Mailing Address: 12200 Lafayette Center Road

City: Roanoke

State: IN

ZIP Code: 46783 – 9628

27. Telephone Number: (260) 530 – 6185

28. Facsimile Number (optional): () –

29. Request to Change the Authorized Individual or Responsible Official: Is the source officially requesting to change the person designated as the Authorized Individual or Responsible Official in the official documents issued by IDEM, OAQ? *The permit may list the title of the Authorized Individual or Responsible Official in lieu of a specific name.*

No Yes – **Change Responsible Official to:**

PART E: Owner Information

30. Company Name of Owner: General Motors LLC

31. Name of Owner Contact Person: Megan McCutcheon

32. Mailing Address: 29755 Louis Chevrolet Rd

City: Warren

State: MI

ZIP Code: 48093 – 2350

33. Telephone Number: (270) 392 – 6034

34. Facsimile Number (optional): () –

34. Operator: Does the "Owner" company also operate the source to which this application applies?

No – *Proceed to Part F below.* Yes – *Enter "SAME AS OWNER" on line 35 and proceed to Part G below.*

PART F: Operator Information

35. Company Name of Operator: Same as Owner

36. Name of Operator Contact Person:

37. Mailing Address:

City:

State:

ZIP Code: –

38. Telephone Number: () –

39. Facsimile Number (optional): () –

PART G: Agent Information

40. Company Name of Agent:

41. Type of Agent: Environmental Consultant Attorney Other (specify):

42. Name of Agent Contact Person:

43. Mailing Address:

City:	State:	ZIP Code: -
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44. Electronic Mail Address (optional):

45. Telephone Number: () - **46. Facsimile Number (optional):** () -

47. Request for Follow-up: Does the "Agent" wish to receive a copy of the preliminary findings during the public notice period (if applicable) and a copy of the final determination? No Yes

PART H: Local Library Information

48. Date application packet was filed with the local library: AA - not required

49. Name of Library: Allen County

50. Name of Librarian (optional):

51. Mailing Address: 900 Library Plaza

City: Fort Wayne	State: IN	ZIP Code: 46802 -
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52. Internet Address (optional):

53. Electronic Mail Address (optional):

54. Telephone Number: (260) 421 - 1252 **55. Facsimile Number (optional):** () -

PART I: Company Name History (if applicable)

Complete this section only if the source has previously operated under a legal name that is different from the name listed above in Section A.

56. Legal Name of Company	57. Dates of Use
General Motors Corporation	Permit Issuance to 7/9/2009
General Motors Company	7/9/2009 to 10/15/2009
General Motors LLC	10/15/2009 to Present
	to
	to
	to
	to
	to
	to
	to

58. Company Name Change Request: Is the source officially requesting to change the legal name that will be printed on all official documents issued by IDEM, OAQ?
 No Yes - **Change Company Name to:**

PART L: Source Process Description

Complete this section to summarize the main processes at the source.

64. Process Description	65. Products	66. SIC Code	67. NAICS Code
Motor Vehicle Assembly	Light Duty Trucks	3711	33611

PART M: Existing Approvals (if applicable)

Complete this section to summarize the approvals issued to the source since issuance of the main operating permit.

68. Permit ID	69. Emissions Unit IDs	70. Expiration Date
T003-41020-00036	Part 70 Renewal	12/2/2024
43453, 43572	SSM, SPM - Boilers 1 & 2, 42 NGF heating units,	12/2/2024
44107, 44793, 45018, 45317, 45512, 45636,	Administrative Amendments to add insignificant activities	12/2/2024
45714, 45728	SSM - Co Generator conversin to natural gas	12/2/2024
47356, 47572, 47635-47637, 47593	Administrative Amendment Part 70 Renewal Revocations Administrative Amendment	12/2/2024

PART N: Unpermitted Emissions Units (if applicable)

Complete this section only if the source has emission units that are not listed in any permit issued by IDEM, OAQ.

71. Emissions Unit ID	72. Type of Emissions Unit	73. Actual Dates		
		Began Construction	Completed Construction	Began Operation

PART O: New or Modified Emissions Units (if applicable)

Complete this section only if the source is proposing to add new emission units or modify existing emission units.

74. Emissions	75	76	77. Type of Emissions Unit	78. Estimated Dates

Unit ID				Begin Construction	Complete Construction	Begin Operation
MAU 6		X	Natural gas fired heated air make up unit	7/15/2024	7/15/2024	7/15/2024
MAU 7		X	Natural gas fired heated air make up unit	7/15/2024	7/15/2024	7/15/2024

Appendix A: Emission Calculations
Natural Gas Combustion Only - Water and Space heaters (Excl Boilers)
MM BTU/HR <100

Company Name: General Motors, LLC - Fort Wayne Assembly
Address City IN Zip: 12200 LaFayette Center Road, Roanoke, IN 46783
Part 70 Renewal No.: 003-41020-00036
Significant Source Modification No.: 003-47629-00036
Reviewer:

Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr	Model	Emission Unit
2.87	25.1	MAU-1	NG Fired Heated Air Make-up Unit
2.87	25.1	MAU-2	
2.87	25.1	MAU-3	
2.87	25.1	MAU-4	
2.00	17.5	MAU-5	
1.47	12.9	MAU-6	
1.47	12.9	MAU-7	
16.42	143.8		

Emission Factor in lb/MMCF	Pollutant						
	PM*	PM10*	direct PM2.5*	SO2	NOx	VOC	CO
	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.14	0.55	0.55	0.04	7.19	0.40	6.04

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.
 PM2.5 emission factor is filterable and condensable PM2.5 combined.
 **Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32
Methodology

All emission factors are based on normal firing.
 MMBtu = 1,000,000 Btu
 MMCF = 1,000,000 Cubic Feet of Gas
 Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03
 Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu
 Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Emission Factor in lb/MMcf	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	1.5E-04	8.6E-05	5.4E-03	0.13	2.4E-04

Emission Factor in lb/MMcf	HAPs - Metals					
	Lead	Cadmium	Chromium	Manganese	Nickel	
	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03	
Potential Emission in tons/yr	3.6E-05	7.9E-05	1.0E-04	2.7E-05	1.5E-04	
	TOTAL					0.14

Methodology is the same as page 2.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.



00077

00200



Package
US Airbill

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8160 5753 3554

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Requirements Only

1 From [Redacted]
Date

Sender's Name Phone

Company

Address Dept./Floor/Suite/Room

City State ZIP

2 Your Internal Billing Reference

3 To Recipient's Name Phone

Company

Address Dept./Floor/Suite/Room
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address
Use this line for the HOLD location address or for continuation of your shipping address.

City State ZIP

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.



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Received
State of Indiana
27 2024 TC-3
Dept. of Environmental Mgmt
Division of Air Quality

4 Express Package Service * To most locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
<input type="checkbox"/> FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	<input type="checkbox"/> FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
<input type="checkbox"/> FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	<input type="checkbox"/> FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
<input type="checkbox"/> FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	<input type="checkbox"/> FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500.

FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required
Package may be left without obtaining a signature for delivery.

Direct Signature
Someone at recipient's address may sign for delivery.

Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

No Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required. Dry Ice Dry-ice, 9, UN 1845 _____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. below Obtain recip. FedEx Acct. No.

Sender Acct. No. in Section I will be billed Recipient Third Party

Total Packages Total Weight [Redacted] lbs.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.



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