General Motors LLC
Fort Wayne Assembly Plant
12200 Lafayette Center Road
Roanoke, Indiana 46783

FedEx Number: 8160 5753 3532

June 26, 2024

IDEM - Office of Air Quality
Technical Support and Modeling Section
MC 61-51
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

Subject: Annual Air Emissions Report

General Motors LLC, Fort Wayne Assembly, is submitting this Annual Air Emissions Report for the reporting period January 1, 2023 through December 31, 2023. Enclosed you will find the Air Emission Statement Certification sheet, the Facility Emission Summary sheet, and the Facility Emission Detail sheet. The data from which these sheets were populated has been uploaded into the EMITS online software.

If you have questions relative to the foregoing, please contact me at (260) 530-6185.

Sincerely,

Glenn Perham
Sr. Environmental Engineer

Enclosures

AES-01
AIR EMISSION STATEMENT CERTIFICATION

State Form 52052 (3-05)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality
Technical Support and Modeling Section - Mail Code 61-51
100 N. Senate Avenue
Indianapolis, IN 46204-2251
Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
http://www.emissions.IN.gov/

Instructions:
- *This is a required form for each air emission statement as well as any modifications.*
- *The certification supplied with a source's permit may be used in lieu of this form*
- *"Responsible Official" has the same meaning as defined in 326 IAC (34), and is usually designated in the General Information section of the permit.*

Part A: Contact Information

Part A is intended to provide basic information about the company submitting an Air Emission Statement and information on the Air Emission Statement preparer in case there is a question about the report.

1. Company Name: General Motors LLC Fort Wayne Assembly		**2.** Source ID: 1800300036	
3. Mailing Address:			
City:	State:	ZIP Code:	
4. Name of Emission Statement Preparer: Erin		Artis	
5. Title of Emission Statement Preparer *(optional)*: Environmental Scientist			
6. Telephone Number: (256)-316-0371		**7.** Facsimile Number: *(optional)*:	
8. Electronic Mail Address *(optional)*: erin.artis@tetratech.com			

Part B: Emissions Summary

Part B is intended to aid in the review of data and to collect information about billable hazardous air pollutants

Emissions Statement Pollutants (Plant Wide)	**Tons Emitted**
Ammonia	1.2252
Carbon Monoxide (CO)	179.4927
Condensable Particulate Matter (PM-CON)	19.3177
Filterable Particulate Matter <10 Microns (PM10-FIL)	22.8939
Lead (PB)	0.0002
Nitrogen Dioxide (NO2)	60.4257
Primary PM2.5, Filterable Portion Only	22.8939
Sulfur Dioxide (SO2)	0.2297
Volatile Organic Compounds (VOC)	1517.7554

Recieved
JUN 27 2024
State of Indiana

Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	**Tons Emitted**
Mercury and Mercury Compounds (CAS#7439976 and TRI ID N458)	0.0001

Part C: Signature of Responsible Official

I hereby certify that the information in this emission statement is accurate based on reasonable estimates using data available to the prepares and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.

Travis Bradford
Name of Responsible Official *(typed or printed)*

Asst. Plant Director
Title of Responsible Official

Travis Bradford
Signature of Responsible Official

6/25/24
Date *(month, day, year)*

Facility Emission Summary

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	1.2252
CO	Carbon Monoxide	179.4927
7439921	Lead	0.0002
NOX	Nitrogen Oxides	60.4257
PM-CON	Primary PM Condensible Only (All Less Than 1 Micron)	19.3177
PM10-FIL	Primary PM10, Filterable Portion Only	22.8939
PM25-FIL	Primary PM2.5, Filterable Portion Only	22.8939
SO2	Sulfur Dioxide	0.2297
VOC	Volatile Organic Compounds	1517.7554

Facility Emission Detail

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Facility Emissions Overview

Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	1.2252
CO	Carbon Monoxide	179.4927
7439921	Lead	0.0002
NOX	Nitrogen Oxides	60.4257
PM-CON	Primary PM Condensible Only (All Less Than 1 Micron)	19.3177
PM10-FIL	Primary PM10, Filterable Portion Only	22.8939
PM25-FIL	Primary PM2.5, Filterable Portion Only	22.8939
SO2	Sulfur Dioxide	0.2297
VOC	Volatile Organic Compounds	1517.7554

Facility Emission Detail

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: 007		**Group Description:** MISC COMBUSTION NAT GAS	
Percent Quarterly Throughput			
Winter: 35	**Spring:** 25	**Summer:** 16	**Fall:** 24
Days Per Week: 5	**Weeks Per Year:** 38	**Hours Per Day:** 24	**Hours Per Year:** 5477
Process ID: 71		**Process Description:** MISC COMBUSTION/NAT'L GAS	
SCC:	39000699	**Stack:**	13
	In-process Fuel Use	**Description:**	MISC COMBUSTION NAT GAS
	Natural Gas	**Stack Type:**	Vertical
	General	**Height:**	77
Heat Content:	1020	**Diameter:**	3.83
Sulfur Content:	0	**Temperature:**	181
Ash Content:	0	**Velocity:**	45.67
Throughput:	734.014 Million Cubic Feet	**Gas Flow:**	31566
Material:	Natural Gas	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	30.8286
NH3	EPA Emission Factor	3.2	0	1.1744
NOX	EPA Emission Factor	100	0	36.7007
PM10-FIL	EPA Emission Factor	1.9	0	0.6973
PM25-FIL	EPA Emission Factor	1.9	0	0.6973
PM-CON	EPA Emission Factor	5.7	0	2.0919
SO2	EPA Emission Factor	0.6	0	0.2202
VOC	EPA Emission Factor	5.5	0	2.0185
7439921	EPA Emission Factor	0.0005	0	0.0002
7439976	EPA Emission Factor	0.00026	0	0.0001

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: 008		**Group Description:** TOPCOAT SPRAY BOOTHS (10)	
Percent Quarterly Throughput			
Winter: 24	**Spring:** 24	**Summer:** 28	**Fall:** 24
Days Per Week: 5	**Weeks Per Year:** 45	**Hours Per Day:** 24	**Hours Per Year:** 5477
Process ID: 81		**Process Description:** TOPCOAT SPRAY BOOTHS (10)	
SCC:	40201625	**Stack:**	4
	Surface Coating Operations	**Description:**	TOPCOAT SPRAY BOOTHS (10)
	Automobiles and Light Trucks	**Stack Type:**	Vertical
	Topcoat: Solvent-borne - Automobiles	**Height:**	55
Heat Content:	0	**Diameter:**	5.6
Sulfur Content:	0	**Temperature:**	86
Ash Content:	0	**Velocity:**	63.51
Throughput:	293293 Each	**Gas Flow:**	93856
Material:	Vehicle	**Input/Output:**	Process Material Produced (Outut)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Material Balance	0	95	16.5279
PM25-FIL	Material Balance	0	95	16.5279
PM-CON	Material Balance	0	0	16.5279
VOC	Material Balance	0	0	1245.1

Group ID: 009		**Group Description:** MISC SEALERS/SOLVENTS	
Percent Quarterly Throughput			
Winter: 24	**Spring:** 24	**Summer:** 28	**Fall:** 24
Days Per Week: 5	**Weeks Per Year:** 45	**Hours Per Day:** 24	**Hours Per Year:** 5477
Process ID: 91		**Process Description:** MISC SEALERS/ADHESIVES	
SCC:	40201607	**Stack:**	7
	Surface Coating Operations	**Description:**	MISC SEALERS/SOLVENTS
	Automobiles and Light Trucks	**Stack Type:**	Vertical
	Sealers	**Height:**	67
Heat Content:	0	**Diameter:**	5.1
Sulfur Content:	0	**Temperature:**	119
Ash Content:	0	**Velocity:**	64.74
Throughput:	255594 Gallons	**Gas Flow:**	79352
Material:	Sealer	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	0	3.7

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Process ID: 92		**Process Description:** PURGE/CLEANUP SOLVENTS	
SCC:	40201605	**Stack:**	8
	Surface Coating Operations	**Description:**	MISC SOLVENTS
	Automobiles and Light Trucks	**Stack Type:**	Vertical
	Equipment Cleanup	**Height:**	67
Heat Content:	0	**Diameter:**	5.1
Sulfur Content:	0	**Temperature:**	119
Ash Content:	0	**Velocity:**	64.74
Throughput:	126381 Gallons	**Gas Flow:**	79352
Material:	Solvent	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	0	187.2

Group ID: 010 **Group Description:** PRIMER SURFACER BOOTH

Percent Quarterly Throughput

Winter: 24 **Spring:** 24 **Summer:** 28 **Fall:** 24

Days Per Week: 5 **Weeks Per Year:** 46 **Hours Per Day:** 24 **Hours Per Year:** 5477

Process ID: 11		**Process Description:** PRIMER SURFACER BOOTH	
SCC:	40201623	**Stack:**	3
	Surface Coating Operations	**Description:**	PRIMER SURFACER BOOTH
	Automobiles and Light Trucks	**Stack Type:**	Vertical
	Guide Coating: Solvent-borne - Automobiles	**Height:**	109
Heat Content:	0	**Diameter:**	5.2
Sulfur Content:	0	**Temperature:**	222
Ash Content:	0	**Velocity:**	54.45
Throughput:	293293 Each	**Gas Flow:**	69385
Material:	Vehicle	**Input/Output:**	Process Material Produced (Outut)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Material Balance	0	95	0.3672
PM25-FIL	Material Balance	0	95	0.3672
PM-CON	Material Balance	0	0	0.3672
VOC	Material Balance	0	84.77	36.9

Facility Emission Detail

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: 012		**Group Description:** FINAL PAINT REPAIR BOOTH	
Percent Quarterly Throughput			
Winter: 24	**Spring:** 24	**Summer:** 28	**Fall:** 24
Days Per Week: 5	**Weeks Per Year:** 46	**Hours Per Day:** 24	**Hours Per Year:** 5477
Process ID: 13		**Process Description:** FINAL PAINT REPAIR BOOTH	
SCC:	40201620	**Stack:**	6
	Surface Coating Operations	**Description:**	FINAL PAINT REPAIR BOOTH
	Automobiles and Light Trucks	**Stack Type:**	Vertical
	Repair Topcoat Application Area	**Height:**	62
Heat Content:	0	**Diameter:**	2.9
Sulfur Content:	0	**Temperature:**	92
Ash Content:	0	**Velocity:**	44.33
Throughput:	168 Pounds	**Gas Flow:**	17567
Material:	Paint	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Material Balance	0	85	0.0027
PM25-FIL	Material Balance	0	85	0.0027
PM-CON	Material Balance	0	0	0.0027
VOC	Material Balance	0	0	0.1

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: 013		**Group Description:** MAINTENANCE PAINT BOOTH	
Percent Quarterly Throughput			
Winter: 24	**Spring:** 24	**Summer:** 28	**Fall:** 24
Days Per Week: 5	**Weeks Per Year:** 46	**Hours Per Day:** 24	**Hours Per Year:** 5477
Process ID: 14		**Process Description:** MAINTENANCE PAINT BOOTH	
SCC:	40200101	**Stack:**	10
	Surface Coating Operations	**Description:**	MAINTENANCE PAINT BOOTH
	Surface Coating Application - General	**Stack Type:**	Vertical
	Paint: Solvent-base	**Height:**	65
Heat Content:	0	**Diameter:**	3
Sulfur Content:	0	**Temperature:**	70
Ash Content:	0	**Velocity:**	47.16
Throughput:	471 Gallons	**Gas Flow:**	20000
Material:	Coating	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Material Balance	0	0	0.2374
PM25-FIL	Material Balance	0	0	0.2374
PM-CON	Material Balance	0	0	0.2374
VOC	Material Balance	0	0	0.2

Group ID: 014		**Group Description:** GASOLINE FILL	
Percent Quarterly Throughput			
Winter: 23	**Spring:** 25	**Summer:** 28	**Fall:** 24
Days Per Week: 5	**Weeks Per Year:** 52	**Hours Per Day:** 24	**Hours Per Year:** 8760
Process ID: 15		**Process Description:** GASOLINE FILL	
SCC:	49099998	**Stack:**	12
	Organic Solvent Evaporation	**Description:**	GASOLINE FILL
	Miscellaneous Volatile Organic Compound Evaporation	**Stack Type:**	Vertical
	Identify the Process and Solvent in Comments	**Height:**	65
Heat Content:	0	**Diameter:**	4
Sulfur Content:	0	**Temperature:**	70
Ash Content:	0	**Velocity:**	66.57
Throughput:	1214829 Gallons	**Gas Flow:**	50195
Material:	Gasoline	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	95	7.9943

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: 020		**Group Description:** T1 ELPO DIP	
Percent Quarterly Throughput			
Winter: 24	**Spring:** 24	**Summer:** 28	**Fall:** 24
Days Per Week: 5	**Weeks Per Year:** 46	**Hours Per Day:** 24	**Hours Per Year:** 5477
Process ID: T1ELPO		**Process Description:** T1 ELPO DIP	
SCC:	40201622	**Stack:**	20
	Surface Coating Operations	**Description:**	T1 ELPO DIP
	Automobiles and Light Trucks	**Stack Type:**	Vertical
	Prime Coating: Electro-deposition - Automobiles	**Height:**	80
Heat Content:	0	**Diameter:**	4.67
Sulfur Content:	0	**Temperature:**	340
Ash Content:	0	**Velocity:**	48
Throughput:	293293 Each	**Gas Flow:**	49320
Material:	Vehicle	**Input/Output:**	Process Material Produced (Outut)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	0	4

Group ID: 022		**Group Description:** T1 MISC. SEALERS AND ADHESIVES	
Percent Quarterly Throughput			
Winter: 24	**Spring:** 24	**Summer:** 28	**Fall:** 24
Days Per Week: 5	**Weeks Per Year:** 46	**Hours Per Day:** 24	**Hours Per Year:** 5477
Process ID: 23		**Process Description:** T1 Sealers and Adhesives	
SCC:	40201607	**Stack:**	7
	Surface Coating Operations	**Description:**	MISC SEALERS/SOLVENTS
	Automobiles and Light Trucks	**Stack Type:**	Vertical
	Sealers	**Height:**	67
Heat Content:	0	**Diameter:**	5.1
Sulfur Content:	0	**Temperature:**	119
Ash Content:	0	**Velocity:**	64.74
Throughput:	626389 Gallons	**Gas Flow:**	79352
Material:	Sealer	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	0	18.08

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: B1		**Group Description:** Powerhouse Boiler 1	
Percent Quarterly Throughput			
Winter: 50	**Spring:** 0	**Summer:** 0	**Fall:** 50
Days Per Week: 7	**Weeks Per Year:** 5	**Hours Per Day:** 24	**Hours Per Year:** 1488
Process ID: Boiler 1 NG		**Process Description:** Natural Gas Burned	
SCC:	10200602	**Stack:**	1
	Industrial	**Description:**	GAS/LANDFILL GAS FIRED BOILERS (3)
	Natural Gas	**Stack Type:**	Vertical
	10-100 Million Btu/hr	**Height:**	250
Heat Content:	1025	**Diameter:**	8
Sulfur Content:	0	**Temperature:**	325
Ash Content:	0	**Velocity:**	68.88
Throughput:	15.875 Million Cubic Feet	**Gas Flow:**	207738
Material:	Natural Gas	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	0.6668
NH3	EPA Emission Factor	3.2	0	0.0254
NOX	EPA Emission Factor	100	0	0.7938
PM10-FIL	EPA Emission Factor	1.9	0	0.0151
PM25-FIL	EPA Emission Factor	1.9	0	0.0151
PM-CON	EPA Emission Factor	5.7	0	0.0452
SO2	EPA Emission Factor	0.6	0	0.0048
VOC	EPA Emission Factor	5.5	0	0.0437
7439921	EPA Emission Factor	0.0005	0	0.0000

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: B2		**Group Description:** Powerhouse Boiler 2	
Percent Quarterly Throughput			
Winter: 50	**Spring:** 0	**Summer:** 0	**Fall:** 50
Days Per Week: 7	**Weeks Per Year:** 5	**Hours Per Day:** 24	**Hours Per Year:** 1488
Process ID: Boiler 2 NG		**Process Description:** Natural Gas Burned	
SCC:	10200602	**Stack:**	1
	Industrial	**Description:**	GAS/LANDFILL GAS FIRED BOILERS (3)
	Natural Gas	**Stack Type:**	Vertical
	10-100 Million Btu/hr	**Height:**	250
Heat Content:	1025	**Diameter:**	8
Sulfur Content:	0	**Temperature:**	325
Ash Content:	0	**Velocity:**	68.88
Throughput:	15.875 Million Cubic Feet	**Gas Flow:**	207738
Material:	Natural Gas	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	0.6668
NH3	EPA Emission Factor	3.2	0	0.0254
NOX	EPA Emission Factor	100	0	0.7938
PM10-FIL	EPA Emission Factor	1.9	0	0.0151
PM25-FIL	EPA Emission Factor	1.9	0	0.0151
PM-CON	EPA Emission Factor	5.7	0	0.0452
SO2	EPA Emission Factor	0.6	0	0.0048
VOC	EPA Emission Factor	5.5	0	0.0437
7439921	EPA Emission Factor	0.0005	0	0.0000

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: Gen1		**Group Description:** COGEN1	
Percent Quarterly Throughput			
Winter: 15	**Spring:** 27	**Summer:** 28	**Fall:** 30
Days Per Week: 7	**Weeks Per Year:** 40	**Hours Per Day:** 24	**Hours Per Year:** 6792
Process ID: Gen1		**Process Description:** COGEN1 (LANDFILL GAS)	
SCC:	20100802	**Stack:**	1
	Electric Generation	**Description:**	GAS/LANDFILL GAS FIRED BOILERS (3)
	Landfill Gas	**Stack Type:**	Vertical
	Reciprocating	**Height:**	250
Heat Content:	500	**Diameter:**	8
Sulfur Content:	0	**Temperature:**	325
Ash Content:	0	**Velocity:**	68.88
Throughput:	195.521 Million Cubic Feet	**Gas Flow:**	207738
Material:	Landfill Gas	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Stack Test	0	0	47.2459
NOX	Stack Test	0	0	7.3354
PM10-FIL	Stack Test	0	0	1.8344
PM25-FIL	Stack Test	0	0	1.8344
VOC	Stack Test	0	0	5.8693

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: Gen2		**Group Description:** COGEN2	
Percent Quarterly Throughput			
Winter: 22	**Spring:** 26	**Summer:** 25	**Fall:** 27
Days Per Week: 7	**Weeks Per Year:** 45	**Hours Per Day:** 24	**Hours Per Year:** 7476
Process ID: Gen2		**Process Description:** COGEN2 (LANDFILL GAS)	
SCC:	20100802	**Stack:**	1
	Electric Generation	**Description:**	GAS/LANDFILL GAS FIRED BOILERS (3)
	Landfill Gas	**Stack Type:**	Vertical
	Reciprocating	**Height:**	250
Heat Content:	500	**Diameter:**	8
Sulfur Content:	0	**Temperature:**	325
Ash Content:	0	**Velocity:**	68.88
Throughput:	204.33 Million Cubic Feet	**Gas Flow:**	207738
Material:	Landfill Gas	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Stack Test	0	0	44.1939
NOX	Stack Test	0	0	6.0325
PM10-FIL	Stack Test	0	0	0.6971
PM25-FIL	Stack Test	0	0	0.6971
VOC	Stack Test	0	0	2.8557

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: Gen3		**Group Description:** COGEN3	
Percent Quarterly Throughput			
Winter: 15	**Spring:** 26	**Summer:** 33	**Fall:** 26
Days Per Week: 7	**Weeks Per Year:** 34	**Hours Per Day:** 24	**Hours Per Year:** 5785
Process ID: Gen3		**Process Description:** COGEN3 (LANDFILL GAS)	
SCC:	20100802	**Stack:**	1
	Electric Generation	**Description:**	GAS/LANDFILL GAS FIRED BOILERS (3)
	Landfill Gas	**Stack Type:**	Vertical
	Reciprocating	**Height:**	250
Heat Content:	500	**Diameter:**	8
Sulfur Content:	0	**Temperature:**	325
Ash Content:	0	**Velocity:**	68.88
Throughput:	167.743 Million Cubic Feet	**Gas Flow:**	207738
Material:	Landfill Gas	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Stack Test	0	0	36.0425
NOX	Stack Test	0	0	5.6593
PM10-FIL	Stack Test	0	0	1.5738
PM25-FIL	Stack Test	0	0	1.5738
VOC	Stack Test	0	0	2.3817

Facility Emission Detail

General Motors LLC Fort Wayne Assembly

Plant ID:1800300036 **Report for 2023**

Location: 12200 Lafayette Center Rd,Roanoke,46783

NAICS: 336112 Light Truck and Utility Vehicle Manufacturing

Group ID: Gen4		**Group Description:** COGEN4	
Percent Quarterly Throughput			
Winter: 36	**Spring:** 35	**Summer:** 0	**Fall:** 29
Days Per Week: 7	**Weeks Per Year:** 21	**Hours Per Day:** 24	**Hours Per Year:** 3491
Process ID: Gen4		**Process Description:** COGEN4 (LANDFILL GAS)	
SCC:	20100802	**Stack:**	1
	Electric Generation	**Description:**	GAS/LANDFILL GAS FIRED BOILERS (3)
	Landfill Gas	**Stack Type:**	Vertical
	Reciprocating	**Height:**	250
Heat Content:	500	**Diameter:**	8
Sulfur Content:	0	**Temperature:**	325
Ash Content:	0	**Velocity:**	68.88
Throughput:	98.685 Million Cubic Feet	**Gas Flow:**	207738
Material:	Landfill Gas	**Input/Output:**	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Stack Test	0	0	19.8483
NOX	Stack Test	0	0	3.1103
PM10-FIL	Stack Test	0	0	0.9259
PM25-FIL	Stack Test	0	0	0.9259
VOC	Stack Test	0	0	1.2685