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June 26, 2024

Received
JUN 27 2024
State of Indiana

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, IN 46204-2251

Re: Submission of Emission Statement for 2023
Waupaca Foundry, Inc. Plant 5
Tell City, Indiana
Source ID 123-00019

To whom it may concern:

On behalf of Waupaca Foundry, Inc., please find enclosed the 2023 facility emission detail report and emission statement certification for the iron foundry in Tell City, Indiana.

Should you or other Department staff require further information on these reports, don't hesitate to contact Tyler Lucas, Environmental Engineer, at 812-547-0738 or Michael.Lucas@WaupacaFoundry.com.

Sincerely,

David Heitz, P.E.
Project Manager

Attachments: WF5 2023 EMITS Detailed Emission Report
2023 AES-01, Air Emission Statement Certification



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: Waupaca Foundry Inc Plant 5		2. Source ID: 1812300019	
3. Mailing Address:			
City:	State:	ZIP Code:	
4. Name of Emission Statement Preparer: David		Heitz	
5. Title of Emission Statement Preparer (optional): Project Manager			
6. Telephone Number: (513)-439-9816		7. Facsimile Number (optional):	
8. Electronic Mail Address (optional): dheitz@trccompanies.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 Emittted
Ammonia	0.6333
Carbon Monoxide (CO)	2066.4984
Condensable Particulate Matter (PM-CON)	89.2739
Filterable Particulate Matter <10 Microns (PM10-FIL)	76.2653
Lead (PB)	0.0767
Nitrogen Dioxide (NO2)	93.1860
Primary PM2.5, Filterable Portion Only	74.1526
Sulfur Dioxide (SO2)	56.3805
Volatile Organic Compounds (VOC)	350.1270

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Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emittted
No Billable Hazardous Air Pollutants reported!	0.0000

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 preparer and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.

Cody Rhodes-Dawson
Name of Responsible Official (typed or printed)

Plant Manager
Title of Responsible Official

Cody Rhodes-Dawson
Signature of Responsible Official

6/26/24
Date (month, day, year)

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66,Tell City,47586

NAICS: 331511 Iron Foundries

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	0.6333
CO	Carbon Monoxide	2066.4984
7439921	Lead	0.0767
NOX	Nitrogen Oxides	93.1860
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	89.2739
PM10-FIL	Primary PM10, Filterable Portion Only	76.2653
PM25-FIL	Primary PM2.5, Filterable Portion Only	74.1526
SO2	Sulfur Dioxide	56.3805
VOC	Volatile Organic Compounds	350.1270

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66,Tell City,47586

NAICS: 331511 Iron Foundries

Group ID: 001		Group Description: P01-P24 Lines 1 to 4 Casting Lines w/Baghouse		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25 Fall: 25
Days Per Week: 7		Weeks Per Year: 50		Hours Per Day: 24 Hours Per Year: 6340
Process ID: 01		Process Description: P01-P24 Lines 1 to 4 Casting Lines w/Baghouse		
SCC:	30400318	Stack:	1	
	Secondary Metal Production	Description:	S01 (Lines 1 - 4 P/MC/S/CC)	
	Grey Iron Foundries	Stack Type:	Vertical	
	Pouring, Cooling	Height:	180	
Heat Content:	0	Diameter:	16	
Sulfur Content:	0	Temperature:	100	
Ash Content:	0	Velocity:	60.2	
Throughput:	332197 Tons	Gas Flow:	726000	
Material:	Gray Iron	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	State/Local Emission Factor	6	0	996.591
NOX	State/Local Emission Factor	0.01	0	1.6610
PM10-FIL	State/Local Emission Factor	0.02931	0	4.8683
PM25-FIL	Site-Specific Emission Factor	0.02931	0	4.8683
PM-CON	Site-Specific Emission Factor	0.07176	0	11.9192
SO2	State/Local Emission Factor	0.02	0	3.3220
VOC	State/Local Emission Factor	1.4	0	232.5379
7439921	State/Local Emission Factor	0.00021	0	0.0350

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66, Tell City, 47586

NAICS: 331511 Iron Foundries

Group ID: 002		Group Description: P05-P25 Lines 1 to 4 Cleaning/Grinding w/Baghouse		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
Fall: 25				
Days Per Week: 7		Weeks Per Year: 50		Hours Per Day: 24
Hours Per Year: 6340				
Process ID: 01		Process Description: P05-P25 Lines 1 to 4 Cleaning/Grinding w/Baghouse		
SCC:	30400340	Stack:	2	
	Secondary Metal Production	Description:	S07 (Lines 1 - 4 P&S/CG)	
	Grey Iron Foundries	Stack Type:	Vertical	
	Grinding/Cleaning	Height:	170	
Heat Content:	0	Diameter:	8	
Sulfur Content:	0	Temperature:	100	
Ash Content:	0	Velocity:	59.7	
Throughput:	235575 Tons	Gas Flow:	180000	
Material:	Metal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.0766	0	9.0225
PM25-FIL	Site-Specific Emission Factor	0.0766	0	9.0225
PM-CON	Site-Specific Emission Factor	0	0	0
7439921	Site-Specific Emission Factor	5E-05	0	0.0061
Group ID: 003		Group Description: P26 (Maintenance Painting)		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
Fall: 25				
Days Per Week: 7		Weeks Per Year: 50		Hours Per Day: 24
Hours Per Year: 6340				
Process ID: P26		Process Description: P26 Maintenance Painting		
SCC:	30400398	Stack:	S26	
	Secondary Metal Production	Description:	S26 (P26 - Painting)	
	Grey Iron Foundries	Stack Type:	Vertical	
	Other Not Classified	Height:	30	
Heat Content:	0	Diameter:	2	
Sulfur Content:	0	Temperature:	68	
Ash Content:	0	Velocity:	159.2	
Throughput:	0 Gallons	Gas Flow:	30000	
Material:	Paint	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Site-Specific Emission Factor	3.2	0	0

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66, Tell City, 47586

NAICS: 331511 Iron Foundries

Group ID: 004		Group Description: P30/P33 Cupolas w/Baghouse		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: P30/P33 Cupolas w/Baghouse		
SCC:	30400301	Stack:	4	
	Secondary Metal Production	Description:	S09 (P30/P31 - Cupolas)	
	Grey Iron Foundries	Stack Type:	Vertical	
	Cupola	Height:	140	
Heat Content:	0	Diameter:	7.67	
Sulfur Content:	0	Temperature:	320	
Ash Content:	0	Velocity:	68.6	
Throughput:	726175 Tons	Gas Flow:	190000	
Material:	Metal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Site-Specific Emission Factor	0.18275	0	66.3554
NOX	Site-Specific Emission Factor	0.19304	0	70.0897
PM10-FIL	Site-Specific Emission Factor	0.00263	0	0.9551
PM25-FIL	Site-Specific Emission Factor	0.00263	0	0.9551
PM-CON	Site-Specific Emission Factor	0.03495	0	12.6899
SO2	Site-Specific Emission Factor	0.13674	0	49.6500
VOC	Site-Specific Emission Factor	0.00237	0	0.8618
7439921	Site-Specific Emission Factor	3E-05	0	0.0124

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66,Tell City,47586

NAICS: 331511 Iron Foundries

Group ID: 005		Group Description:P32 Melt Center Baghouse		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: S44		Process Description: P32 Melt Center Baghouse		
SCC:	30400315	Stack:	S44	
	Secondary Metal Production	Description:	S44 (P32 - Melt Area)	
	Grey Iron Foundries	Stack Type:	Vertical	
	Charge Handling	Height:	150	
Heat Content:	0	Diameter:	7.2	
Sulfur Content:	0	Temperature:	130	
Ash Content:	0	Velocity:	65.53	
Throughput:	726175 Tons	Gas Flow:	160000	
Material:	Metal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.01284	0	4.6606
PM25-FIL	Site-Specific Emission Factor	0.01284	0	4.6606
PM-CON	Site-Specific Emission Factor	0.00892	0	3.2387
Group ID: 006		Group Description:P40/P42 Core Sand Handling w/Baghouse		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: P40/P42 Core Sand Handling w/Baghouse		
SCC:	30400350	Stack:	3	
	Secondary Metal Production	Description:	S08 (P40/P42 - Core Sand)	
	Grey Iron Foundries	Stack Type:	Vertical	
	Sand Grinding/Handling	Height:	120	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	80	
Ash Content:	0	Velocity:	18.6	
Throughput:	94188 Tons	Gas Flow:	14000	
Material:	Sand	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.03651	0	1.7193
PM25-FIL	Site-Specific Emission Factor	0.03651	0	1.7193
PM-CON	Site-Specific Emission Factor	0.00318	0	0.1495

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66,Tell City,47586

NAICS: 331511 Iron Foundries

Group ID: 007		Group Description:P41 Warmbox Core Making		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: P41 Wa		Process Description: P41 Warmbox Core Making		
SCC:	30400371	Stack:	5	
	Secondary Metal Production	Description:	S11 (P41-Warmbox)	
	Grey Iron Foundries	Stack Type:	Fugitive	
	Core Machines/Other	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	33778 Tons	Gas Flow:	0	
Material:	Cores	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
NOX	Site-Specific Emission Factor	0	0	0
VOC	Site-Specific Emission Factor	0.288	0	4.8640
Group ID: 008		Group Description:P43/P44 Cold Box Core Making w/Scrubber		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: P43/P44 Cold Box Core Making w/Scrubber		
SCC:	30400319	Stack:	7	
	Secondary Metal Production	Description:	S14 (P43 - Coldbox)	
	Grey Iron Foundries	Stack Type:	Fugitive	
	Core Making, Baking	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	60410 Tons	Gas Flow:	0	
Material:	Sand	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Site-Specific Emission Factor	0.4	0	12.082

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66, Tell City, 47586

NAICS: 331511 Iron Foundries

Group ID: 009		Group Description: Facility Natural Gas Usage w/o Cupola		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: Facility Natural Gas Usage w/o Cupola		
SCC:	30990003	Stack:	0	
	Fabricated Metal Products	Description:	No Stack Associated	
	Fuel Fired Equipment	Stack Type:	Fugitive	
	Natural Gas: Process Heaters	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	395.81 Million Cubic Feet	Gas Flow:	0	
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	16.6240
NH3	EPA Emission Factor	3.2	0	0.6333
NOX	EPA Emission Factor	100	0	19.7905
PM10-FIL	EPA Emission Factor	1.9	0	0.3760
PM25-FIL	EPA Emission Factor	1.9	0	0.3760
PM-CON	EPA Emission Factor	5.7	0	1.1281
SO2	EPA Emission Factor	0.6	0	0.1187
VOC	EPA Emission Factor	5.5	0	1.0885
7439921	EPA Emission Factor	0.0005	0	0.0001

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66, Tell City, 47586

NAICS: 331511 Iron Foundries

Group ID: 010		Group Description: P60-P84 Lines 5 - 8 P/MC/S/PS/Sand Handling w/Baghouse		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24 Hours Per Year: 6340		
Process ID: 01		Process Description: P60-P84 Lines 5 - 8 P/MC/S/PS/Sand Handling w/Baghouse		
SCC:	30400325	Stack:	8	
	Secondary Metal Production	Description:	S15 (Line 5 - 8 P/MC/S)	
	Grey Iron Foundries	Stack Type:	Vertical	
	Castings Cooling	Height:	180	
Heat Content:	0	Diameter:	16	
Sulfur Content:	0	Temperature:	100	
Ash Content:	0	Velocity:	64.69	
Throughput:	328976 Tons	Gas Flow:	780000	
Material:	Metal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Site-Specific Emission Factor	6	0	986.928
NOX	Site-Specific Emission Factor	0.01	0	1.6449
PM10-FIL	Site-Specific Emission Factor	0.14671	0	24.1320
PM25-FIL	Site-Specific Emission Factor	0.14671	0	24.1320
PM-CON	Site-Specific Emission Factor	0.35919	0	59.0824
SO2	Site-Specific Emission Factor	0.02	0	3.2898
VOC	Site-Specific Emission Factor	0.6	0	98.6928
7439921	Site-Specific Emission Factor	9E-05	0	0.0143

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66,Tell City,47586

NAICS: 331511 Iron Foundries

Group ID: 011		Group Description: P62-P77 Lines 5 - 8 CC/CG w/Baghouse		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: P62-P77 Lines 5 - 8 CC/CG w/Baghouse		
SCC:	30400340	Stack:	9	
	Secondary Metal Production	Description:	S16 (Lines 5 - 8 CC/CG)	
	Grey Iron Foundries	Stack Type:	Vertical	
	Grinding/Cleaning	Height:	170	
Heat Content:	0	Diameter:	8	
Sulfur Content:	0	Temperature:	100	
Ash Content:	0	Velocity:	139.3	
Throughput:	179226 Tons	Gas Flow:	420000	
Material:	Metal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.19869	0	17.8051
PM25-FIL	Site-Specific Emission Factor	0.19869	0	17.8051
PM-CON	Site-Specific Emission Factor	0	0	0
7439921	Site-Specific Emission Factor	0.0001	0	0.0088
Group ID: 012		Group Description: P86 - Ladle Cleaning with Burn Bars		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: P86 - Ladle Cleaning with Burn Bars		
SCC:	30400399	Stack:	0	
	Secondary Metal Production	Description:	No Stack Associated	
	Grey Iron Foundries	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	106.6 Tons	Gas Flow:	0	
Material:	Sand	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	180	0	9.594
PM25-FIL	Site-Specific Emission Factor	180	0	9.594
PM-CON	Site-Specific Emission Factor	20	0	1.066

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66,Tell City,47586

NAICS: 331511 Iron Foundries

Group ID: 013		Group Description: Scrap Iron, Coke & Limestone Receiving		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: Scrap Iron, Coke & Limestone Receiving		
SCC:	30400399	Stack:	0	
	Secondary Metal Production	Description:	No Stack Associated	
	Grey Iron Foundries	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	789620 Tons	Gas Flow:	0	
Material:	Metal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.0018	0	0.7107
PM25-FIL	Site-Specific Emission Factor	0.00063	0	0.2487
Group ID: 014		Group Description: P92 Vehicular Traffic		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: P92 Vehicular Traffic		
SCC:	30501050	Stack:	0	
	Mineral Products	Description:	No Stack Associated	
	Coal Mining, Cleaning, and Material Handling (See 305310)	Stack Type:	Fugitive	
	Vehicle Traffic: Light/Medium Vehicles	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	38033 Miles	Gas Flow:	0	
Material:	Vehicle	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.02	0	0.3803
PM25-FIL	Site-Specific Emission Factor	0.00678	0	0.1289

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66,Tell City,47586

NAICS: 331511 Iron Foundries

Group ID: 16		Group Description:P89A Metal Recovery Operation		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 01		Process Description: transfer operations in metal recovery		
SCC:	30400399	Stack:	0	
	Secondary Metal Production	Description:	No Stack Associated	
	Grey Iron Foundries	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	20550 Tons	Gas Flow:	0	
Material:	Metal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.13264	0	1.3629
PM25-FIL	Site-Specific Emission Factor	0.02	0	0.2055
Group ID: 17		Group Description:P89B: Metal Processing Operations		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: 17		Process Description: P89B Metal Processing Operations		
SCC:	30400399	Stack:	0	
	Secondary Metal Production	Description:	No Stack Associated	
	Grey Iron Foundries	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	4110 Tons	Gas Flow:	0	
Material:	Metal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.13884	0	0.2853
PM25-FIL	Site-Specific Emission Factor	0.02106	0	0.0433

Facility Emission Detail

Waupaca Foundry Inc Plant 5

Plant ID:1812300019

Report for 2023

Location: 9856 SR 66,Tell City,47586

NAICS: 331511 Iron Foundries

Group ID: P93		Group Description: P93 Cooling Towers		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 6340	
Process ID: P93		Process Description: Cooling Towers		
SCC:	30400399	Stack:	S93	
	Secondary Metal Production	Description:	S93 (Cooling Towers)	
	Grey Iron Foundries	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	6340 Hour	Gas Flow:	0	
Material:	Product	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Site-Specific Emission Factor	0.124	0	0.3931
PM25-FIL	Site-Specific Emission Factor	0.124	0	0.3931