



SunCoke Energy

Indiana Harbor Coke Company

3210 Watling St.
MC 2-990
East Chicago, IN 46312
219-378-3900 Phone
219-297-4590 Fax

June 26, 2024

SENT VIA ELECTRONIC MAIL

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

ATTN: Emissions Statement Group

Re: SunCoke Energy
Indiana Harbor Coke Company
Permit Number: 089-41059-00382

To Whom This May Concern:

Enclosed are the following documents for our 2023 annual emissions statement:

- Signed Emissions Statement Certification
- Completed form AES – 06 Voluntary HAP Reporting
- Facility Emissions Detail Report

If you have any questions concerning this submittal or need additional information, please do not hesitate to contact me at (219) 320-0280 or sclemons@suncoke.com.

Sincerely,

Stephanie Clemons
Plant Environmental Manager

cc: M. Hall – IDEM
100 North Senate Avenue
IGCN 1101
Indianapolis, IN 46204

Stephen B. Brown, General Manager
SunCoke Energy, Inc.

Bradley Tiller, Corp. Environmental Manager
SunCoke Energy, Inc.



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 2-7-1 (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: Indiana Harbor Coke Company LP contract	2. Source ID: 1808900382
3. Mailing Address: 3210 Watling Street, PO Box 240	
City: East Chicago	State: IN
ZIP Code: 46312	
4. Name of Emission Statement Preparer: Stephanie Clemons	
5. Title of Emission Statement Preparer: (optional): Environmental Manager	
6. Telephone Number: 219-320-0280	7. Facsimile Number (optional): 219-378-3903
8. Electronic Mail Address (optional): slclemons@suncoke.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
Carbon Monoxide (CO)	378.99
Lead (PB)	0.1547
Nitrogen Dioxide (NO2)	721.77
Particulate Matter <10 Microns (PM10)	74.68
Sulfur Dioxide (SO2)	302.06
Volatile Organic Compounds (VOC)	2.05
Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emitted
Tetrachloroethylene (Perc) (CAS#127184)	N/A
Chlorine (CAS# 7782505)	N/A
Hydrochloric Acid (CAS# 7647010)	48.1374
Hydrofluoric Acid (CAS# 7664393)	1.8633
Methyl Chloroform or 1,1,1-Trichloroethane (CAS# 71556)	0.0023
Methylene Chloride or Dichloromethane (CAS# 75092)	0.6160
Phosphine (CAS# 7803512)	N/A
Mercury and Mercury Compounds (CAS#7439976 and TRI ID N458)	0.0136

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

Stephen B. Brown

General Manager

Name of Responsible Official (typed or printed)

Title of Responsible Official

Signature of Responsible Official

06/25/2024

Date (month, day, year)

Indiana Harbor Coke Company LP contract

Plant ID:1808900382

Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	0.0481
CO	Carbon Monoxide	378.9894
7439921	Lead	0.1547
NOX	Nitrogen Oxides	721.7688
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	20.8958
PM10-FIL	Primary PM10, Filterable Portion Only	74.6687
PM25-FIL	Primary PM2.5, Filterable Portion Only	50.9821
SO2	Sulfur Dioxide	302.0587
VOC	Volatile Organic Compounds	2.0531

Indiana Harbor Coke Company LP contract

Plant ID:1808900382

Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 001		Group Description: HRCCF MAIN STACK 001		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: HRCCF MAIN STACK		
SCC:	30300376	Stack:	1	
	Primary Metal Production	Description:	HRCCF MAIN STACK 201	
	Metallurgical Coke Manufacturing	Stack Type:	Vertical	
	Heat/No Chemical Recovery Process: Main Stack	Height:	295	
Heat Content:	0	Diameter:	18	
Sulfur Content:	0	Temperature:	280	
Ash Content:	0	Velocity:	56.7	
Throughput:	1662616 Tons	Gas Flow:	866000	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Stack Test	0	0	235.26
NOX	Stack Test	0	0	675.93
VOC	Stack Test	0	0	0.83
71556	Engineering Judgement	0	0	0.0023
7439921	Stack Test	0	0	0.0281
7439976	Stack Test	0	28.4	0.0105
75092	Engineering Judgement	0	0	0.5977
7647010	Stack Test	0	98	18.66
7664393	Engineering Judgement	0	97	0.317

Indiana Harbor Coke Company LP contract

Plant ID:1808900382

Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 002		Group Description: CHARGING MACHINE 202/203		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: CHARGING MACHINE		
SCC:	30300375	Stack:	2	
	Primary Metal Production	Description:	CHARGING STACK 202/203	
	Metallurgical Coke Manufacturing	Stack Type:	Vertical	
	Heat/No Chemical Recovery Process: Oven Charging	Height:	31	
Heat Content:	0	Diameter:	2.75	
Sulfur Content:	0	Temperature:	87	
Ash Content:	0	Velocity:	79	
Throughput:	1713330 Tons	Gas Flow:	28000	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Stack Test	0	0	78.81
NOX	State/Local Emission Factor	0.0032	0	2.7413
PM10-FIL	Stack Test	0	0	1.46
PM25-FIL	Stack Test	0	0	1.46
SO2	Stack Test	0	0	5.78
VOC	Site-Specific Emission Factor	3E-05	0	0.0257
7439921	Engineering Judgement	0	0	0.0008

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 003		Group Description: PUSHING 204		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: PUSHING		
SCC:	30300371	Stack:	4	
	Primary Metal Production	Description:	PUSHING 204	
	Metallurgical Coke Manufacturing	Stack Type:	Vertical	
	Heat/No Chemical Recovery Process: Pushing	Height:	100	
Heat Content:	0	Diameter:	8	
Sulfur Content:	0	Temperature:	95	
Ash Content:	0	Velocity:	63	
Throughput:	1713330 Tons	Gas Flow:	190000	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Site-Specific Emission Factor	0.063	0	53.9699
NOX	Site-Specific Emission Factor	0.019	0	16.2766
PM10-FIL	Stack Test	0	0	9.42
PM25-FIL	Stack Test	0	0	9.42
SO2	Stack Test	0	0	7.22
VOC	Site-Specific Emission Factor	8E-05	0	0.0685
7439921	Engineering Judgement	0	0	0.0109
7439976	Engineering Judgement	0	0	0.0001
7647010	Engineering Judgement	0	0	1.0266
7664393	Engineering Judgement	0	0	0.23

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 004		Group Description: QUENCHING 206/207		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: QUENCH TOWERS		
SCC:	30300372	Stack:	6	
	Primary Metal Production	Description:	QUENCHING 206/207	
	Metallurgical Coke Manufacturing	Stack Type:	Fugitive	
	Heat/No Chemical Recovery Process: Quenching	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1713330 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
NOX	State/Local Emission Factor	0.002	0	1.7133
PM10-FIL	Engineering Judgement	0	0	26.03
PM25-FIL	Engineering Judgement	0	0	15.93
SO2	Trade Group Emission Factor	0.00529	0	4.5318
VOC	State/Local Emission Factor	0.001	0	0.8567

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Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 005		Group Description: COAL THAW SHED 210		
Percent Quarterly Throughput				
Winter: 50	Spring: 25	Summer: 0	Fall: 25	
Days Per Week: 5	Weeks Per Year: 20	Hours Per Day: 15	Hours Per Year: 1812	
Process ID: 01		Process Description: COAL THAW SHED		
SCC:	30300305	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coal Unloading	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	59.69 Million Standard 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	State/Local Emission Factor	84	0	2.5070
NOX	State/Local Emission Factor	100	0	2.9845
PM10-FIL	Material Balance	0	0	0.08
PM25-FIL	Material Balance	0	0	0.06
PM-CON	State/Local Emission Factor	5.7	0	0.1701
SO2	State/Local Emission Factor	0.6	0	0.0179
VOC	State/Local Emission Factor	5.5	0	0.1641

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 006		Group Description: COAL TRANSFER #1 211		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: COAL TRANSFER #1		
SCC:	30300309	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coal Conveying	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1866576 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00046	95	0.0213
PM25-FIL	State/Local Emission Factor	7E-05	95	0.0032
Group ID: 007		Group Description: TRANSFER TO ACTIVE PILES 212		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: TRANSFER TO ACTIVE PILES		
SCC:	30300316	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coal Storage Pile	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1866576 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00046	50	0.2147
PM25-FIL	State/Local Emission Factor	7E-05	50	0.0327

Facility Emission Detail

Indiana Harbor Coke Company LP contract

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 008		Group Description:COAL TRANSFER TOWER #2 213		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COAL TRANSFER TOWER #2		
SCC:	30300309	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coal Conveying	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1866576 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00046	95	0.0215
PM25-FIL	State/Local Emission Factor	7E-05	95	0.0033
Group ID: 009		Group Description:COAL TRANSFER TOWER #3 214		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COAL TRANSFER TOWER #3		
SCC:	30300309	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coal Conveying	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1866576 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00046	95	0.0215
PM25-FIL	State/Local Emission Factor	7E-05	95	0.0033

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 010		Group Description: COAL CRUSHER/SCREENER 230		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: COAL CRUSHER SCREENER		
SCC:	30300307	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coal Crushing/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1713330 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.08	99	0.6853
PM25-FIL	State/Local Emission Factor	0.024	99	0.2056
Group ID: 011		Group Description: EAST & WEST SILOS 231/232		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: EAST & WEST COAL SILOS		
SCC:	30510203	Stack:	5	
	Mineral Products	Description:	No Stack Associated	
	Bulk Materials Storage Bins	Stack Type:	Fugitive	
	Coal	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1866576 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	95	0.02
PM25-FIL	Engineering Judgement	0	95	0.0032

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Plant ID:1808900382

Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 012		Group Description: COAL WEIGH BELTS/DIVERTER 233/234		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: WEIGH BELTS/DIVERTER GATE		
SCC:	30510103	Stack:	5	
	Mineral Products	Description:	No Stack Associated	
	Bulk Materials Conveyors	Stack Type:	Fugitive	
	Coal	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1866576 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00046	50	0.2133
PM25-FIL	State/Local Emission Factor	7E-05	50	0.0323
Group ID: 014		Group Description: COAL BIN/EMER PILE-DROP 014/246		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: COAL BIN-DROP		
SCC:	30510203	Stack:	5	
	Mineral Products	Description:	No Stack Associated	
	Bulk Materials Storage Bins	Stack Type:	Fugitive	
	Coal	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1773247 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	0	0.02
PM25-FIL	Engineering Judgement	0	0	0.0031

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 015		Group Description:COKE RAIL CAR LOADOUT 250		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COKE RAIL CAR LOADOUT		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	439387 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	50	0.119
PM25-FIL	Engineering Judgement	0	50	0.018
Group ID: 016		Group Description:COKE TOWER #1 260-262		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COKE TOWER #1		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1255391 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	95	0.068
PM25-FIL	Engineering Judgement	0	95	0.0103

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 017		Group Description:COKE TOWER #2 263/264		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COKE TRANSFER TOWER #2		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1255391 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	95	0.068
PM25-FIL	Engineering Judgement	0	95	0.0103
Group ID: 018		Group Description:COKE CRUSHER/SCREENER 265		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COKE CRUSHER/SCREENER STA		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1255391 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Stack Test	0	99.99	1.6168
PM25-FIL	Stack Test	0	99.99	1.6168

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Plant ID:1808900382

Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 019		Group Description: COKE TOWER #3 266/267		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COKE TRANSFER TOWER #3		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1255391 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	95	0.068
PM25-FIL	Engineering Judgement	0	95	0.0103

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 023		Group Description: VENTING 201A		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: VENTING		
SCC:	30300399	Stack:	3	
	Primary Metal Production	Description:	VENT STACK 201A	
	By-product Coke Manufacturing	Stack Type:	Vertical	
	Not Classified **	Height:	83	
Heat Content:	0	Diameter:	7.83	
Sulfur Content:	0	Temperature:	1500	
Ash Content:	0	Velocity:	40.2	
Throughput:	50715 Tons	Gas Flow:	116000	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Stack Test	0	0	7.18
NOX	Stack Test	0	0	20.62
PM10-FIL	Stack Test	0	0	19.77
PM25-FIL	Stack Test	0	0	19.77
PM-CON	Stack Test	0	0	20.64
SO2	Stack Test	0	0	284.5
VOC	Stack Test	0	0	0.0254
71556	Engineering Judgement	0	0	0.0001
7439921	EPA Speciation Profile	0	0	0.1149
7439976	Stack Test	0	0	0.0031
75092	Engineering Judgement	0	0	0.0182
7647010	Engineering Judgement	0	0	28.45
7664393	Engineering Judgement	0	0	0.94

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 024		Group Description: UNPAVED ROADS		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8760
Process ID: 01		Process Description: UNPAVED ROADS		
SCC:	30301567	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	Integrated Iron and Steel Manufacturing	Stack Type:	Fugitive	
	Unpaved Roads: Light Duty Vehicles	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	20000 Miles	Gas Flow:	0	
Material:	Vehicle	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	1.2	50	6
PM25-FIL	State/Local Emission Factor	0.12	50	0.6
Group ID: 025		Group Description: PAVED ROADS		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8760
Process ID: 01		Process Description: PAVED ROADS & PARKING LOS		
SCC:	30301566	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	Integrated Iron and Steel Manufacturing	Stack Type:	Fugitive	
	Paved Roads: All Vehicle Types	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	73000 Miles	Gas Flow:	0	
Material:	Vehicle	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.2545	50	4.6446
PM25-FIL	State/Local Emission Factor	0.06269	50	1.1441

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Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 026		Group Description:COKE CONVEYING 301		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COKE CONVEYING		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1257578 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.003	0	1.8864
PM25-FIL	State/Local Emission Factor	0.00045	0	0.2830
Group ID: 027		Group Description:TRANSFER POINT 263A		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: TRANSFER POINT 263A		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1255391 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	95	0.03
PM25-FIL	Engineering Judgement	0	95	0.0052

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Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 028		Group Description: TRANSFER POINT 264A		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: TRANSFER POINT 264A		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1255391 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	95	0.03
PM25-FIL	Engineering Judgement	0	95	0.0052
Group ID: 030		Group Description: COKE TOWER #4 268		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 16	Hours Per Year: 5840	
Process ID: 01		Process Description: COKE TOWER #4		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1255391 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	95	0.03
PM25-FIL	Engineering Judgement	0	95	0.0052

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Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 031		Group Description: COKE TOWER #5 250A		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: COKE TOWER #5 250A		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1255391 Tons	Gas Flow:	0	
Material:	Coke	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	95	0.03
PM25-FIL	Engineering Judgement	0	95	0.0052
Group ID: 032a		Group Description: Pad Coke/Coal Screener		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8760
Process ID: P39020		Process Description: Pad Coke/Coal Screener		
SCC:	30300312	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coke: Crushing/Screening/Handling	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	15843 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	0	0.0086
PM25-FIL	Engineering Judgement	0	0	0.0013

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Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 034		Group Description: Transfer to C2 Coal Pile Bin		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 16
				Hours Per Year: 5840
Process ID: 01		Process Description: Transfer to C2 Coal Pile Bin		
SCC: 30300316		Stack: 5		
Primary Metal Production		Description: No Stack Associated		
By-product Coke Manufacturing		Stack Type: Fugitive		
Coal Storage Pile		Height: 0		
Heat Content: 0		Diameter: 0		
Sulfur Content: 0		Temperature: 0		
Ash Content: 0		Velocity: 0		
Throughput: 1866576 Tons		Gas Flow: 0		
Material: Coal		Input/Output: Process Material Used (Input)		
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.00046	50	0.2133
PM25-FIL	State/Local Emission Factor	7E-05	50	0.0323
Group ID: CKSA		Group Description: Coke Storage Area		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 25
				Fall: 25
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8760
Process ID: P39788		Process Description: Coke Storage Area		
SCC: 30510304		Stack: 5		
Mineral Products		Description: No Stack Associated		
Bulk Materials Open Stockpiles		Stack Type: Fugitive		
Coke		Height: 0		
Heat Content: 0		Diameter: 0		
Sulfur Content: 0		Temperature: 0		
Ash Content: 0		Velocity: 0		
Throughput: 1255391 Tons		Gas Flow: 0		
Material: Material		Input/Output: Process Material Used (Input)		
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	0	0.14
PM25-FIL	Engineering Judgement	0	0	0.02

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Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: CLSA		Group Description: Coal Storage Area		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: P39788		Process Description: Coal Storage Area		
SCC:	30300316	Stack:	5	
	Primary Metal Production	Description:	No Stack Associated	
	By-product Coke Manufacturing	Stack Type:	Fugitive	
	Coal Storage Pile	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1866576 Tons	Gas Flow:	0	
Material:	Coal	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	0	1.71
PM25-FIL	Engineering Judgement	0	0	0.26

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Report for 2023

Location: 3210 Watling St MC 2 990,East Chicago,46312

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: SPCHEA		Group Description: Space Heaters		
Percent Quarterly Throughput				
Winter: 50	Spring: 25	Summer: 0	Fall: 25	
Days Per Week: 5	Weeks Per Year: 20	Hours Per Day: 15	Hours Per Year: 4380	
Process ID: 01		Process Description: Space Heaters		
SCC:	10200603	Stack:	5	
	Industrial	Description:	No Stack Associated	
	Natural Gas	Stack Type:	Fugitive	
	< 10 Million Btu/hr	Height:	0	
Heat Content:	1020	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	30.06 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	1.2625
NH3	EPA Emission Factor	3.2	0	0.0481
NOX	EPA Emission Factor	100	0	1.503
PM10-FIL	EPA Emission Factor	1.9	0	0.0286
PM25-FIL	EPA Emission Factor	1.9	0	0.0286
PM-CON	EPA Emission Factor	5.7	0	0.0857
SO2	EPA Emission Factor	0.6	0	0.0090
VOC	EPA Emission Factor	5.5	0	0.0827
7439921	EPA Emission Factor	0.0005	0	0.0000