



June 24, 2023

Via UPS: 1ZTHJ6740328260470

Indiana Department of Environmental Management
Office of Air Quality
Technical Support and Modeling Section
Mail Code 61-51
100 North Senate Avenue
Indianapolis, IN 46204

Received
JUN 26 2024
State of Indiana

Re: Annual Emissions Report RY 2023
Indiana Flame Services
Burns Harbor, IN

To Whom It May Concern:

BCA Environmental Consultants, LLC is submitting the Annual Emission Statement Certification and Detail Report to satisfy the requirements for the annual emissions report RY 2023 on behalf of Indiana Flame Service, EMITS Source ID 1812700098.

Along with these reports, BCA Environmental Consultants, LLC has also completed the online reports on Emission Inventory Tracking System. If there are any questions regarding this submittal, please feel free to contact me at (574)-522-1019 extension 1001 or at ademarco@bcaconsultants.com.

Sincerely,
BCA ENVIRONMENTAL CONSULTANTS, L.L.C.

A handwritten signature in black ink, appearing to read "Anthony J. DeMarco", is written over a horizontal line.

Anthony J. DeMarco
Vice President

Cc: Gary Schultz, IFS
Hernan Gudino, IFS
Diane Pullins, IFS

www.BCAconsultants.com



AES-01

AIR EMISSION STATEMENT CERTIFICATION

State Form 52052 (3-05)



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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.

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/>

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 Flame Service contractor of Cle		2. Source ID: 1812700098
3. Mailing Address:		
City:	State:	ZIP Code:
4. Name of Emission Statement Preparer: Tony DeMarco		
5. Title of Emission Statement Preparer (optional): Vice President		
6. Telephone Number: (574)-522-1019	7. Facsimile Number (optional):	
8. Electronic Mail Address (optional): ademarco@bcaconsultants.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	0.0029
Carbon Monoxide (CO)	0.4956
Condensable Particulate Matter (PM-CON)	0.0336
Filterable Particulate Matter <10 Microns (PM10-FIL)	1.4266
Lead (PB)	0.0000
Nitrogen Dioxide (NO2)	0.5900
Primary PM2.5, Filterable Portion Only	0.2943
Sulfur Dioxide (SO2)	0.0035
Volatile Organic Compounds (VOC)	0.0325

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Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emitted
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 prepares and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.

Garry Schulte
 Name of Responsible Official (typed or printed)

Operations Manager
 Title of Responsible Official

Garry Schulte
 Signature of Responsible Official

6-17-2024
 Date (month, day, year)

Facility Emission Summary
Indiana Flame Service contractor of Cle

Plant ID:1812700098

Report for 2023

Location: 250 W US Hwy 12 Truck Door 3063,Burns Harbor,46304

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	0.0029
CO	Carbon Monoxide	0.4956
7439921	Lead	0.0000
NOX	Nitrogen Oxides	0.59
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	0.0336
PM10-FIL	Primary PM10, Filterable Portion Only	1.4266
PM25-FIL	Primary PM2.5, Filterable Portion Only	0.2943
SO2	Sulfur Dioxide	0.0035
VOC	Volatile Organic Compounds	0.0324

Facility Emission Detail**Indiana Flame Service contractor of Cle****Plant ID:1812700098****Report for 2023****Location: 250 W US Hwy 12 Truck Door 3063,Burns Harbor,46304****NAICS: 324199 All Other Petroleum and Coal Products Manufacturing**

Facility Emissions Overview		
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CO	Carbon Monoxide	0.4956
7439921	Lead	0.0000
NOX	Nitrogen Oxides	0.59
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	0.0336
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VOC	Volatile Organic Compounds	0.0324

Facility Emission Detail

Indiana Flame Service contractor of Cle

Plant ID:1812700098

Report for 2023

Location: 250 W US Hwy 12 Truck Door 3063,Burns Harbor,46304

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Group ID: 001		Group Description: SCARFING FACILITY		
Percent Quarterly Throughput				
Winter: 25		Spring: 25		Summer: 27
				Fall: 23
Days Per Week: 7		Weeks Per Year: 52		Hours Per Day: 24
				Hours Per Year: 8760
Process ID: 01		Process Description: NATURAL GAS-FIRED TORCH		
SCC:	10300602	Stack:	0	
	Commercial/Institutional	Description:	No Stack Associated	
	Natural Gas	Stack Type:	Fugitive	
	10-100 Million Btu/hr	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	11.8 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	0.4956
NH3	EPA Emission Factor	0.49	0	0.0029
NOX	EPA Emission Factor	100	0	0.59
PM10-FIL	EPA Emission Factor	1.9	0	0.0112
PM25-FIL	EPA Emission Factor	1.9	0	0.0112
PM-CON	EPA Emission Factor	5.7	0	0.0336
SO2	EPA Emission Factor	0.6	0	0.0035
VOC	EPA Emission Factor	5.5	0	0.0324
7439921	EPA Emission Factor	0.0005	0	0.0000

Facility Emission Detail

Indiana Flame Service contractor of Cle

Plant ID:1812700098

Report for 2023

Location: 250 W US Hwy 12 Truck Door 3063,Burns Harbor,46304

NAICS: 324199 All Other Petroleum and Coal Products Manufacturing

Process ID: 02		Process Description: SCARFING OPERATIONS		
SCC:	30301572	Stack:	1	
	Primary Metal Production	Description:	CYLINDRICAL	
	Integrated Iron and Steel Manufacturing	Stack Type:	Vertical	
	Scarfig	Height:	45	
Heat Content:	1	Diameter:	6	
Sulfur Content:	0	Temperature:	70	
Ash Content:	0	Velocity:	70.70	
Throughput:	188724 Tons	Gas Flow:	120000	
Material:	Material	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.3	95	1.4154
PM25-FIL	State/Local Emission Factor	0.06	95	0.2831