



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: TMS International LLC		2. Source ID: 1812700104	
3. Mailing Address:			
City:	State:	ZIP Code:	
4. Name of Emission Statement Preparer: Stephanie		Hahn	
5. Title of Emission Statement Preparer (optional): Environmental Manager			
6. Telephone Number: (215)-956-5412		7. Facsimile Number (optional):	
8. Electronic Mail Address (optional): shahn@tmsinternational.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)	0.0011
Condensable Particulate Matter (PM-CON)	0.0003
Filterable Particulate Matter <10 Microns (PM10-FIL)	0.8223
Nitrogen Dioxide (NO2)	0.0084
Primary PM2.5, Filterable Portion Only	0.2446
Volatile Organic Compounds (VOC)	0.0003
Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emitted
No Billable Hazardous Air Pollutants reported!	0.0000

Recieved
 JUN 26 2024
 State of Indiana

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.

Jerimi Yost

Name of Responsible Official (typed or printed)

Director of Global Safety & Health & Environmental

Title of Responsible Official

Signature of Responsible Official

June 25, 2024

Date (month, day, year)

Facility Emission Detail

TMS International LLC

Plant ID:1812700104

Report for 2023

Location: 6500 S Boundary Rd,Portage,46368

NAICS: 331110 Iron and Steel Mills and Ferroalloy Manufacturing

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
CO	Carbon Monoxide	0.0011
NOX	Nitrogen Oxides	0.0084
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	0.0003
PM10-FIL	Primary PM10, Filterable Portion Only	0.8223
PM25-FIL	Primary PM2.5, Filterable Portion Only	0.2446
SO2	Sulfur Dioxide	0
VOC	Volatile Organic Compounds	0.0003

Group ID: 001		Group Description:SLAG PROCESSING		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 4	Weeks Per Year: 50	Hours Per Day: 5	Hours Per Year: 1040	
Process ID: 01		Process Description: SLAG PROCESSING		
SCC:	30301565	Stack:	0	
	Primary Metal Production	Description:	No Stack Associated	
	Integrated Iron and Steel Manufacturing	Stack Type:	Fugitive	
	Slag Processing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	78694 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Produced (Outut)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	Engineering Judgement	0	0	0.01
PM10-FIL	Engineering Judgement	0	0	0.06

Facility Emission Detail

TMS International LLC

Plant ID:1812700104

Report for 2023

Location: 6500 S Boundary Rd,Portage,46368

NAICS: 331110 Iron and Steel Mills and Ferroalloy Manufacturing

Process ID: 02		Process Description: LOAD IN AND LOAD OUT		
SCC:	30301565	Stack:	0	
	Primary Metal Production	Description:	No Stack Associated	
	Integrated Iron and Steel Manufacturing	Stack Type:	Fugitive	
	Slag Processing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	78694 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	0	0.65
PM25-FIL	Engineering Judgement	0	0	0.2
Process ID: 03		Process Description: WIND LOSS		
SCC:	30301565	Stack:	0	
	Primary Metal Production	Description:	No Stack Associated	
	Integrated Iron and Steel Manufacturing	Stack Type:	Fugitive	
	Slag Processing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	78694 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Engineering Judgement	0	0	0.07
PM25-FIL	Engineering Judgement	0	0	0.03

Facility Emission Detail

TMS International LLC

Plant ID:1812700104

Report for 2023

Location: 6500 S Boundary Rd,Portage,46368

NAICS: 331110 Iron and Steel Mills and Ferroalloy Manufacturing

Group ID: 002		Group Description:SCRAP LANCING		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 5	Weeks Per Year: 50	Hours Per Day: 14	Hours Per Year: 3576	
Process ID: 01		Process Description: PROPANE CUTTING		
SCC:	10301002	Stack:	0	
	Commercial/Institutional	Description:	No Stack Associated	
	Liquified Petroleum Gas (LPG)	Stack Type:	Fugitive	
	Propane	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1.2 1000 Gallons	Gas Flow:	0	
Material:	Propane	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	1.9	0	0.0011
PM10-FIL	EPA Emission Factor	0.4	0	0.0002
PM-CON	EPA Emission Factor	0.506	0	0.0003
VOC	EPA Emission Factor	0.5	0	0.0003
NOX	EPA Emission Factor	14	0	0.0084
PM25-FIL	EPA Emission Factor	0.4	0	0.0002
SO2	EPA Emission Factor	86.5	0	0

Facility Emission Detail

TMS International LLC

Plant ID:1812700104

Report for 2023

Location: 6500 S Boundary Rd,Portage,46368

NAICS: 331110 Iron and Steel Mills and Ferroalloy Manufacturing

Group ID: 003		Group Description: DROPBALLING		
Percent Quarterly Throughput				
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 5	Weeks Per Year: 50	Hours Per Day: 8	Hours Per Year: 1780	
Process ID: 01		Process Description: DROPBALL		
SCC:	30301565	Stack:	0	
	Primary Metal Production	Description:	No Stack Associated	
	Integrated Iron and Steel Manufacturing	Stack Type:	Fugitive	
	Slag Processing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	7751 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	Engineering Judgement	0	0	0.0004
PM10-FIL	Engineering Judgement	0	0	0.0021
Group ID: 004		Group Description: UNPAVED ROADWAYS		
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: Vehicle Travel		
SCC:	30301567	Stack:	0	
	Primary Metal Production	Description:	No Stack Associated	
	Integrated Iron and Steel Manufacturing	Stack Type:	Fugitive	
	Unpaved Roads: Light Duty Vehicles	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	268 Miles	Gas Flow:	0	
Material:	Vehicle	Input/Output:	Process Material Produced (Output)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM25-FIL	Engineering Judgement	0	0	0.004
PM10-FIL	Engineering Judgement	0	0	0.04