



NATIONAL MATERIAL PROCESSING LLC

June 25, 2024

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

**Re: 2023 Air Emission Statement
National Material Processing
4506 West Cline Avenue
East Chicago, Indiana 46312
Source ID 1808900384**

Attached is the 2023 Air Emission Statement prepared for National Material Processing located at 4506 West Cline Avenue in East Chicago, Indiana.

If you have any questions, please contact our environmental consultant, Mostardi Platt, JP Halama, at jhalama@mp-mail.com or 630-993-2141.

Sincerely,

NATIONAL MATERIAL PROCESSING

Robert Scott
Plant Manager

Attachments



NATIONAL MATERIAL PROCESSING LLC

4506 West Cline Avenue, P. O. Box 29 | East Chicago, IN 46312-0029 | w: nmlp.com | [p: 219.391.5058](tel:219.391.5058)
ISO 9001:2015 | Minority Business Enterprise Certified

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: National Processing Company
Source Address: 4506 W. Cline Ave., East Chicago, Indiana 46312
Part 70 Permit No.: T089-43365-00384

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- Annual Compliance Certification
- Test Result (specify)
- Report (specify) 2023 Air Emission Statement
- Notification (specify)
- Affidavit (specify)
- Other (specify)

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature: 

Printed Name: Robert Scott

Title/Position: Plant Manager

Phone: 219-808-3400

Date: 6/25/2024



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: National Material Processing		2. Source ID: 1808900384	
3. Mailing Address: 4506 West Cline Ave			
City: East Chicago	State: IN	ZIP Code: 46312	
4. Name of Emission Statement Preparer: JP Halama			
5. Title of Emission Statement Preparer (optional): Compliance Manager, Mostardi Platt			
6. Telephone Number: (630)-993-2141		7. Facsimile Number (optional):	
8. Electronic Mail Address (optional): jhalama@mp-mail.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)	2.7940
Filterable Particulate Matter <10 Microns (PM10-FIL)	0.3245
Primary PM2.5, Filterable Portion Only	0.1981
Sulfur Dioxide (SO2)	0.0200
Volatile Organic Compounds (VOC)	0.9699
Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	
Hydrochloric Acid (CAS# 7647010)	0.1349

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.

Robert Scott

Plant Manager

Name of Responsible Official (typed or printed)

Title of Responsible Official

Robert Scott

6/25/2024

Signature of Responsible Official

Date (month, day, year)

Facility Emission Summary**National Material Processing****Plant ID:1808900384****Report for 2023****Location: 4506 W Cline Ave,East Chicago,46312****NAICS: 331221 Rolled Steel Shape Manufacturing**

Pollutant	Pollutant Description	Emissions (Tons)
CO	Carbon Monoxide	2.7940
PM10-FIL	Primary PM10, Filterable Portion Only	0.3245
PM25-FIL	Primary PM2.5, Filterable Portion Only	0.1981
SO2	Sulfur Dioxide	0.0200
VOC	Volatile Organic Compounds	0.9699

Facility Emission Detail

National Material Processing

Plant ID:1808900384

Report for 2023

Location: 4506 W Cline Ave,East Chicago,46312

NAICS: 331221 Rolled Steel Shape Manufacturing

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
CO	Carbon Monoxide	2.79
PM10-FIL	Primary PM10, Filterable Portion Only	0.32
PM25-FIL	Primary PM2.5, Filterable Portion Only	0.20
SO2	Sulfur Dioxide	0.02
VOC	Volatile Organic Compounds	0.97

Group ID: 1		Group Description: Steel Pickling Line		
Percent Quarterly Throughput				
Winter: 22	Spring: 27	Summer: 26	Fall: 25	
Days Per Week: 6	Weeks Per Year: 50	Hours Per Day: 20	Hours Per Year: 6000	
Process ID: 1		Process Description: Pickling lines/Scrubber		
SCC:	30301577	Stack:	2	
	Primary Metal Production	Description:	Scrubber	
	Integrated Iron and Steel Manufacturing	Stack Type:	Vertical	
	Pickling: Continuous	Height:	53	
Heat Content:	0	Diameter:	2	
Sulfur Content:	0	Temperature:	118	
Ash Content:	0	Velocity:	43.31	
Throughput:	842,632 Gallons	Gas Flow:	8164	
Material:	Hydrochloric Acid	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	Engineering Judgement	0	0	2.79
PM10-FIL	Engineering Judgement	0	0	0.32
PM25-FIL	Engineering Judgement	0	0	0.20
SO2	Engineering Judgement	0	0	0.02
VOC	Engineering Judgement	0	0	0.97
7647010	Engineering Judgement	0	99.59	0.13