



Rea Magnet Wire Company, Inc.  
4300 New Haven Avenue  
Fort Wayne, Indiana 46803  
Telephone: (260) 421-5434  
Fax: (260) 426-0228

June 19, 2024

Indiana Department of Environmental Management  
Office of Air Quality  
Air Programs Branch  
IGCN 1003  
100 North Senate Avenue  
Indianapolis, IN 46204-2251

Recieved  
JUN 24 2024  
State of Indiana

RE: Air Emission Statement Certification  
Source ID: 1800300013

Attached is the 2023 Air Emission Statement Certification for the Rea Magnet Wire Company, Fort Wayne, IN facility. The Facility Emission Detail report is also included.

The report has been certified by a responsible official, David Worthen, Vice President of Operations.

If you have any question concerning this report, please contact me at (260) 421-7440 or via email at [ltutton@reawire.com](mailto:ltutton@reawire.com).

Sincerely,

A handwritten signature in black ink that reads 'Lewis A. Tutton'.

Lewis A. Tutton  
Corporate Environmental Manager  
Rea Magnet Wire Company, 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 (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: Rea Magnet Wire Company Inc		2. Source ID: 1800300013	
3. Mailing Address: 4300 NEW HAVEN AVE.			
City: FORT WAYNE		State: IN	ZIP Code: 46803
4. Name of Emission Statement Preparer: Lewis		Tutton	
5. Title of Emission Statement Preparer(optional): Corp. Safety & Environmental Mgr.			
6. Telephone Number: (260)-421-7440		7. Facsimile Number(optional):	
8. Electronic Mail Address (optional): ltutton@reawire.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	0.1929
Carbon Monoxide (CO)	5.7939
Condensable Particulate Matter (PM-CON)	0.3437
Filterable Particulate Matter <10 Microns (PM10-FIL)	0.1793
Lead (PB)	0.0000
Nitrogen Dioxide (NO2)	6.8150
Primary PM2.5, Filterable Portion Only	0.1793
Sulfur Dioxide (SO2)	0.0382
Volatile Organic Compounds (VOC)	28.4910
<b>Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)</b>	<b>Tons Emitted</b>
No Billable Hazardous Air Pollutants reported!	0.0000

Recieved  
 JUN 24 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 prepares and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.

David Worthen  
 \_\_\_\_\_  
 Name of Responsible Official (typed or printed)  
  
 \_\_\_\_\_  
 Signature of Responsible Official

Vice President of Operations  
 \_\_\_\_\_  
 Title of Responsible Official  
 June 18, 2024  
 \_\_\_\_\_  
 Date (month, day, year)

# Facility Emission Detail

**Rea Magnet Wire Company Inc**

**Plant ID:1800300013**

**Report for 2023**

**Location: 4300 New Haven Ave,Fort Wayne,46803**

**NAICS: 331420 Copper Rolling, Drawing, Extruding, and Alloying**

<b>Facility Emissions Overview</b>		
<b>Pollutant</b>	<b>Pollutant Description</b>	<b>Emissions (Tons)</b>
NH3	Ammonia	0.1929
CO	Carbon Monoxide	5.7939
7439921	Lead	0.0000
NOX	Nitrogen Oxides	6.8150
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	0.3437
PM10-FIL	Primary PM10, Filterable Portion Only	0.1793
PM25-FIL	Primary PM2.5, Filterable Portion Only	0.1793
SO2	Sulfur Dioxide	0.0382
VOC	Volatile Organic Compounds	28.4910

<b>Group ID: 005</b>		<b>Group Description: Plant Fugitive Emissions</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>	<b>Spring: 25</b>	<b>Summer: 25</b>	<b>Fall: 25</b>	
<b>Days Per Week: 7</b>	<b>Weeks Per Year: 52</b>	<b>Hours Per Day: 24</b>	<b>Hours Per Year: 8760</b>	
<b>Process ID: 01</b>		<b>Process Description: PLANT FUGITIVE EMISSIONS</b>		
<b>SCC:</b>	40201505	<b>Stack:</b>	FUG	
	Surface Coating Operations	<b>Description:</b>	Fugitive emissions	
	Magnet Wire Surface Coating	<b>Stack Type:</b>	Fugitive	
	Equipment Cleanup	<b>Height:</b>	0	
<b>Heat Content:</b>	1	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	0	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	20.39 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Solvent in Coating	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
VOC	Material Balance	0	0	20.39

# Facility Emission Detail

## Rea Magnet Wire Company Inc

Plant ID:1800300013

Report for 2023

Location: 4300 New Haven Ave,Fort Wayne,46803

NAICS: 331420 Copper Rolling, Drawing, Extruding, and Alloying

Process ID: Mobile Equipment		Process Description: Mobile Propane		
<b>SCC:</b>	20201001	<b>Stack:</b>	FUG	
	Industrial	<b>Description:</b>	Fugitive emissions	
	Liquified Petroleum Gas (LPG)	<b>Stack Type:</b>	Fugitive	
	Propane: Reciprocating	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	0	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	11.31 1000 Gallons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Liquified Petroleum Gas (LPG)	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
NOX	EPA Emission Factor	139	0	0.7860
PM10-FIL	EPA Emission Factor	5	0	0.0283
PM25-FIL	EPA Emission Factor	5	0	0.0283
SO2	EPA Emission Factor	0.35	0	0.0020
VOC	EPA Emission Factor	83	0	0.4694
CO	EPA Emission Factor	129	0	0.7295
Process ID: Plant Heat		Process Description: Plant Heat Emissions		
<b>SCC:</b>	10500106	<b>Stack:</b>	FUG	
	Space Heaters	<b>Description:</b>	Fugitive emissions	
	Industrial	<b>Stack Type:</b>	Fugitive	
	Natural Gas	<b>Height:</b>	0	
<b>Heat Content:</b>	0	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	0	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	66.32 Million Cubic Feet	<b>Gas Flow:</b>	0	
<b>Material:</b>	Natural Gas	<b>Input/Output:</b>	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	2.7854
NH3	EPA Emission Factor	3.2	0	0.1061
PM10-FIL	EPA Emission Factor	3	0	0.0995
PM25-FIL	EPA Emission Factor	3	0	0.0995
VOC	EPA Emission Factor	5.5	0	0.1824
7439921	EPA Emission Factor	0.0005	0	0.0000
NOX	EPA Emission Factor	100	0	3.316
PM-CON	EPA Emission Factor	5.7	0	0.1890
SO2	EPA Emission Factor	0.6	0	0.0199

# Facility Emission Detail

## Rea Magnet Wire Company Inc

Plant ID:1800300013

Report for 2023

### Location: 4300 New Haven Ave,Fort Wayne,46803

### NAICS: 331420 Copper Rolling, Drawing, Extruding, and Alloying

<b>Group ID: 007</b>		<b>Group Description:LepeL Fabric Ovens</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>		<b>Spring: 25</b>		<b>Summer: 25</b>
				<b>Fall: 25</b>
<b>Days Per Week: 5</b>		<b>Weeks Per Year: 26</b>		<b>Hours Per Day: 24</b>
				<b>Hours Per Year: 6240</b>
<b>Process ID: 01</b>		<b>Process Description: 3 LEPEL FABRIC OVENS</b>		
<b>SCC:</b>	40201501	<b>Stack:</b>	7	
	Surface Coating Operations	<b>Description:</b>	3 LEPEL FABRIC OVENS	
	Magnet Wire Surface Coating	<b>Stack Type:</b>	Vertical	
	Coating/Application/Curing	<b>Height:</b>	29	
<b>Heat Content:</b>	1	<b>Diameter:</b>	0.5	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	1240	
<b>Ash Content:</b>	0	<b>Velocity:</b>	48	
<b>Throughput:</b>	0.87 Tons	<b>Gas Flow:</b>	567	
<b>Material:</b>	Solvent in Coating	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
VOC	Stack Test	0	97.4	0.02
<b>Process ID: 02</b>		<b>Process Description: THERMAL OXIDIZER LEPEL</b>		
<b>SCC:</b>	10200603	<b>Stack:</b>	7	
	Industrial	<b>Description:</b>	3 LEPEL FABRIC OVENS	
	Natural Gas	<b>Stack Type:</b>	Vertical	
	< 10 Million Btu/hr	<b>Height:</b>	29	
<b>Heat Content:</b>	1	<b>Diameter:</b>	0.5	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	1240	
<b>Ash Content:</b>	0	<b>Velocity:</b>	48	
<b>Throughput:</b>	0.54 Million Cubic Feet	<b>Gas Flow:</b>	567	
<b>Material:</b>	Natural Gas	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
CO	EPA Emission Factor	84	0	0.0227
NH3	EPA Emission Factor	3.2	0	0.0009
NOX	EPA Emission Factor	100	0	0.027
PM10-FIL	EPA Emission Factor	1.9	0	0.0005
PM25-FIL	EPA Emission Factor	1.9	0	0.0005
PM-CON	EPA Emission Factor	5.7	0	0.0015
SO2	EPA Emission Factor	0.6	0	0.0002
VOC	EPA Emission Factor	5.5	0	0.0015
7439921	EPA Emission Factor	0.0005	0	0.0000

# Facility Emission Detail

## Rea Magnet Wire Company Inc

Plant ID:1800300013

Report for 2023

Location: 4300 New Haven Ave,Fort Wayne,46803

NAICS: 331420 Copper Rolling, Drawing, Extruding, and Alloying

<b>Group ID: 008</b>		<b>Group Description:7 Enamel Applicator Cleaning Tanks</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 25</b>		<b>Spring: 25</b>		<b>Summer: 25</b>
				<b>Fall: 25</b>
<b>Days Per Week: 7</b>		<b>Weeks Per Year: 52</b>		<b>Hours Per Day: 24</b>
				<b>Hours Per Year: 8760</b>
<b>Process ID: 01</b>		<b>Process Description: ENAMEL APPLCTR CLNG TANKS</b>		
<b>SCC:</b>	40100399	<b>Stack:</b>	8	
	Organic Solvent Evaporation	<b>Description:</b>	ENAMEL APPLCTR CLNG TANKS	
	Cold Solvent Cleaning/Stripping	<b>Stack Type:</b>	Fugitive	
	Other Not Classified	<b>Height:</b>	0	
<b>Heat Content:</b>	1	<b>Diameter:</b>	0	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	0	
<b>Ash Content:</b>	0	<b>Velocity:</b>	0	
<b>Throughput:</b>	1.58 Tons	<b>Gas Flow:</b>	0	
<b>Material:</b>	Solvent	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
VOC	Material Balance	0	0	1.58
<b>Group ID: MOCO E</b>		<b>Group Description:MOCO Enamel Ovens</b>		
<b>Percent Quarterly Throughput</b>				
<b>Winter: 50</b>		<b>Spring: 50</b>		<b>Summer: 0</b>
				<b>Fall: 0</b>
<b>Days Per Week: 7</b>		<b>Weeks Per Year: 26</b>		<b>Hours Per Day: 24</b>
				<b>Hours Per Year: 4380</b>
<b>Process ID: 01</b>		<b>Process Description: 4 MOCO ENAMEL OVENS</b>		
<b>SCC:</b>	40201501	<b>Stack:</b>	1	
	Surface Coating Operations	<b>Description:</b>	4 MOCO OVENS	
	Magnet Wire Surface Coating	<b>Stack Type:</b>	Vertical	
	Coating/Application/Curing	<b>Height:</b>	65	
<b>Heat Content:</b>	1	<b>Diameter:</b>	2	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	1148	
<b>Ash Content:</b>	0	<b>Velocity:</b>	5.8	
<b>Throughput:</b>	15.41 Tons	<b>Gas Flow:</b>	1100	
<b>Material:</b>	Solvent in Coating	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
VOC	Stack Test	0	99.9	0.02

# Facility Emission Detail

## Rea Magnet Wire Company Inc

Plant ID:1800300013

Report for 2023

Location: 4300 New Haven Ave,Fort Wayne,46803

NAICS: 331420 Copper Rolling, Drawing, Extruding, and Alloying

<b>Process ID:</b> 02		<b>Process Description:</b> THERMAL OXIDIZER MOCO	
<b>SCC:</b>	10200603	<b>Stack:</b>	1
	Industrial	<b>Description:</b>	4 MOCO OVENS
	Natural Gas	<b>Stack Type:</b>	Vertical
	< 10 Million Btu/hr	<b>Height:</b>	65
<b>Heat Content:</b>	1	<b>Diameter:</b>	2
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	1148
<b>Ash Content:</b>	0	<b>Velocity:</b>	5.8
<b>Throughput:</b>	4.05 Million Cubic Feet	<b>Gas Flow:</b>	1100
<b>Material:</b>	Natural Gas	<b>Input/Output:</b>	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
CO	EPA Emission Factor	84	0	0.1701
NH3	EPA Emission Factor	3.2	0	0.0065
NOX	EPA Emission Factor	100	0	0.2025
PM10-FIL	EPA Emission Factor	1.9	0	0.0038
PM25-FIL	EPA Emission Factor	1.9	0	0.0038
PM-CON	EPA Emission Factor	5.7	0	0.0115
SO2	EPA Emission Factor	0.6	0	0.0012
VOC	EPA Emission Factor	5.5	0	0.0111
7439921	EPA Emission Factor	0.0005	0	0.0000

**Group ID:** NTT

**Group Description:**4 NTT Magnet Wire Coating Systems

**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

<b>Process ID:</b> P33234		<b>Process Description:</b> NTTCoating Ovens	
<b>SCC:</b>	40200820	<b>Stack:</b>	0447,
	Surface Coating Operations	<b>Description:</b>	4 NTT Magnet Wire coating Systems
	Coating Oven - General	<b>Stack Type:</b>	Vertical
	Prime/Base Coat Oven	<b>Height:</b>	70
<b>Heat Content:</b>	0	<b>Diameter:</b>	1.25
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	700
<b>Ash Content:</b>	0	<b>Velocity:</b>	1
<b>Throughput:</b>	50.63 Tons	<b>Gas Flow:</b>	74
<b>Material:</b>	Solvent in Coating	<b>Input/Output:</b>	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Stack Test	0	99.9	0.05

# Facility Emission Detail

## Rea Magnet Wire Company Inc

Plant ID:1800300013

Report for 2023

Location: 4300 New Haven Ave,Fort Wayne,46803

NAICS: 331420 Copper Rolling, Drawing, Extruding, and Alloying

<b>Group ID:</b> Quartz		<b>Group Description:</b> Quartz Fabric Ovens		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 25		<b>Spring:</b> 25		<b>Summer:</b> 25
				<b>Fall:</b> 25
<b>Days Per Week:</b> 5		<b>Weeks Per Year:</b> 52		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 6240
<b>Process ID:</b> 01		<b>Process Description:</b> 13 QUARTZ FABRIC OVENS		
<b>SCC:</b>	40201501	<b>Stack:</b>	4	
	Surface Coating Operations	<b>Description:</b>	13 QUARTZ FABRIC OVENS	
	Magnet Wire Surface Coating	<b>Stack Type:</b>	Vertical With Rain Cap	
	Coating/Application/Curing	<b>Height:</b>	29	
<b>Heat Content:</b>	1	<b>Diameter:</b>	0.5	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	1160	
<b>Ash Content:</b>	0	<b>Velocity:</b>	26.65	
<b>Throughput:</b>	16.52 Tons	<b>Gas Flow:</b>	314	
<b>Material:</b>	Solvent in Coating	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
VOC	Stack Test	0	97.4	0.43
<b>Process ID:</b> 02		<b>Process Description:</b> THERMAL OXIDIZER		
<b>SCC:</b>	10200603	<b>Stack:</b>	4	
	Industrial	<b>Description:</b>	13 QUARTZ FABRIC OVENS	
	Natural Gas	<b>Stack Type:</b>	Vertical With Rain Cap	
	< 10 Million Btu/hr	<b>Height:</b>	29	
<b>Heat Content:</b>	1	<b>Diameter:</b>	0.5	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	1160	
<b>Ash Content:</b>	0	<b>Velocity:</b>	26.65	
<b>Throughput:</b>	2.17 Million Cubic Feet	<b>Gas Flow:</b>	314	
<b>Material:</b>	Natural Gas	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
CO	EPA Emission Factor	84	0	0.0911
NOX	EPA Emission Factor	100	0	0.1085
VOC	EPA Emission Factor	5.5	0	0.0060
NH3	EPA Emission Factor	3.2	0	0.0035
PM10-FIL	EPA Emission Factor	1.9	0	0.0021
PM25-FIL	EPA Emission Factor	1.9	0	0.0021
PM-CON	EPA Emission Factor	5.7	0	0.0062
SO2	EPA Emission Factor	0.6	0	0.0007
7439921	EPA Emission Factor	0.0005	0	0.0000



# Facility Emission Detail

## Rea Magnet Wire Company Inc

Plant ID:1800300013

Report for 2023

Location: 4300 New Haven Ave,Fort Wayne,46803

NAICS: 331420 Copper Rolling, Drawing, Extruding, and Alloying

<b>Group ID:</b> SICME		<b>Group Description:</b> SICME-ES Enamel Ovens		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 25		<b>Spring:</b> 25		<b>Summer:</b> 25
				<b>Fall:</b> 25
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 52		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 8760
<b>Process ID:</b> 01		<b>Process Description:</b> 4 SICME-ES ENAMEL OVENS		
<b>SCC:</b>	40201501	<b>Stack:</b>	2	
	Surface Coating Operations	<b>Description:</b>	4 SICME ENAMEL OVENS	
	Magnet Wire Surface Coating	<b>Stack Type:</b>	Vertical	
	Coating/Application/Curing	<b>Height:</b>	65	
<b>Heat Content:</b>	1	<b>Diameter:</b>	1	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	842	
<b>Ash Content:</b>	0	<b>Velocity:</b>	6.24	
<b>Throughput:</b>	126 Tons	<b>Gas Flow:</b>	294	
<b>Material:</b>	Solvent in Coating	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
VOC	Stack Test	0	96	5.04
<b>Process ID:</b> 02		<b>Process Description:</b> THERMAL OXIDIZERS SICME-E		
<b>SCC:</b>	10200603	<b>Stack:</b>	2	
	Industrial	<b>Description:</b>	4 SICME ENAMEL OVENS	
	Natural Gas	<b>Stack Type:</b>	Vertical	
	< 10 Million Btu/hr	<b>Height:</b>	65	
<b>Heat Content:</b>	1	<b>Diameter:</b>	1	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	842	
<b>Ash Content:</b>	0	<b>Velocity:</b>	6.24	
<b>Throughput:</b>	29.11 Million Cubic Feet	<b>Gas Flow:</b>	294	
<b>Material:</b>	Natural Gas	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
NH3	EPA Emission Factor	3.2	0	0.0466
NOX	EPA Emission Factor	100	0	1.4555
PM10-FIL	EPA Emission Factor	1.9	0	0.0277
PM25-FIL	EPA Emission Factor	1.9	0	0.0277
SO2	EPA Emission Factor	0.6	0	0.0087
CO	EPA Emission Factor	84	0	1.2226
PM-CON	EPA Emission Factor	5.7	0	0.0830
VOC	EPA Emission Factor	5.5	0	0.0801
7439921	EPA Emission Factor	0.0005	0	0.0000

# Facility Emission Detail

## Rea Magnet Wire Company Inc

Plant ID:1800300013

Report for 2023

Location: 4300 New Haven Ave,Fort Wayne,46803

NAICS: 331420 Copper Rolling, Drawing, Extruding, and Alloying

<b>Group ID:</b> Weatherite		<b>Group Description:</b> 2 Weather Rite V26		
<b>Percent Quarterly Throughput</b>				
<b>Winter:</b> 25		<b>Spring:</b> 25		<b>Summer:</b> 25
				<b>Fall:</b> 25
<b>Days Per Week:</b> 7		<b>Weeks Per Year:</b> 52		<b>Hours Per Day:</b> 24
				<b>Hours Per Year:</b> 8760
<b>Process ID:</b> P33234		<b>Process Description:</b> Weather Rite Enameling Ovens		
<b>SCC:</b>	40200820	<b>Stack:</b>	3	
	Surface Coating Operations	<b>Description:</b>	2 Weather Rite V26	
	Coating Oven - General	<b>Stack Type:</b>	Vertical	
	Prime/Base Coat Oven	<b>Height:</b>	79	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	1060	
<b>Ash Content:</b>	0	<b>Velocity:</b>	52	
<b>Throughput:</b>	79.62 Tons	<b>Gas Flow:</b>	2481	
<b>Material:</b>	Solvent in Coating	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
VOC	Stack Test	0	99.8	0.16
<b>Process ID:</b> Weathe		<b>Process Description:</b> Thermal Oxidizer - Weather Rite		
<b>SCC:</b>	10200603	<b>Stack:</b>	3	
	Industrial	<b>Description:</b>	2 Weather Rite V26	
	Natural Gas	<b>Stack Type:</b>	Vertical	
	< 10 Million Btu/hr	<b>Height:</b>	79	
<b>Heat Content:</b>	0	<b>Diameter:</b>	1	
<b>Sulfur Content:</b>	0	<b>Temperature:</b>	1060	
<b>Ash Content:</b>	0	<b>Velocity:</b>	52	
<b>Throughput:</b>	18.39 Million Cubic Feet	<b>Gas Flow:</b>	2481	
<b>Material:</b>	Natural Gas	<b>Input/Output:</b>	Process Material Used (Input)	
<b>Pollutant</b>	<b>Emission Method</b>	<b>Emission Factor</b>	<b>Overall Ctrl Efficiency</b>	<b>Emissions(Tons)</b>
CO	EPA Emission Factor	84	0	0.7724
NH3	EPA Emission Factor	3.2	0	0.0294
NOX	EPA Emission Factor	100	0	0.9195
PM10-FIL	EPA Emission Factor	1.9	0	0.0175
PM25-FIL	EPA Emission Factor	1.9	0	0.0175
PM-CON	EPA Emission Factor	5.7	0	0.0524
SO2	EPA Emission Factor	0.6	0	0.0055
VOC	EPA Emission Factor	5.5	0	0.0506
7439921	EPA Emission Factor	0.0005	0	0.0000