

June 27, 2024

Indiana Department of Environmental Management Technical Support and Modeling Section Office of Air Quality 100 North Senate Avenue MC 61-50 IGCN 1003 Indianapolis, Indiana 46204-2251

Re: RY2023 Triennial Emission Statement

NTN Driveshaft, Inc. 8251 S. International Drive Columbus, IN 47201 Source ID: 005-00066

To whom it may concern:

Cornerstone Environmental, Health and Safety, Inc. has been contracted to assist NTN Driveshaft, Inc. located in Columbus, Indiana with the preparation and submittal of the RY2023 Triennial Emission Statement required by their Part 70 Operating Permit 005-45787-00066. Enclosed, please find the emission statement for the 2023 calendar years submitted on behalf of NTN Driveshaft, Inc.

Best Regards,

Amanda Dant

Environmental Specialist

Amanda Dant

NTN Driveshaft, Inc.

Administrative Amendment No. 005-45787-00066

Columbus, Indiana

Amended by: Ghislaine Aponte

Permit Reviewer: Hachem Ismaili Alaoui

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

Source Name:

NTN Driveshaft, Inc.

Source Address:

8251 South International Drive, Columbus, Indiana 47201

Part 70 Permit No.:

T005-44383-00066

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 Letter
□ Test Result (specify)
☑ Report (specify) Triennial Emissions Statement RY2023
□ 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: Brook Coomer
Printed Name: Brook Coomer
Title/Position: Director, HR and EHS
Phone: (812) 342-5499
Date: U-24-24



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: NTN Driveshaft, Inc. 2. Source ID: 005-00066 3. Mailing Address: 8251 S International Drive City: Columbus State: IN ZIP Code: 47201 4. Name of Emission Statement Preparer: Amanda Dant 5. Title of Emission Statement Preparer: (optional): Environmental Specialist 6. Telephone Number: (812) 569-3123 7. Facsimile Number (optional): 8. Electronic Mail Address (optional): adant@corner-enviro.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)	0.00			
Lead (PB)	0.0000			
Nitrogen Dioxide (NO2)	0.00			
Particulate Matter <10 Microns (PM10)	9.25			
Sulfur Dioxide (SO2)	0.00			
Volatile Organic Compounds (VOC)	84.86			
Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emitted			
Tetrachloroethylene (Perc) (CAS#127184)	0.0000			
Chlorine (CAS# 7782505)	0.0000			
Hydrochloric Acid (CAS# 7647010)	0.0000			
Hydrofluoric Acid (CAS# 7664393)	0.0000			
Methyl Chloroform or 1,1,1-Trichloroethane (CAS# 71556)	0.0000			
Methylene Chloride or Dichloromethane (CAS# 75092)	0.0000			
Phosphine (CAS# 7803512)	0.0000			
Mercury and Mercury Compounds (CAS#7439976 and TRI ID N458)	0			

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. ☐ Brook Coomer ☐ Director, HR and EHS ☐ Title of Responsible Official ☐ U-J4-J4 ☐ Date (month, day, year) ☐ Date (month, day, year)

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Facility Emission Summary NTN Driveshaft Inc

Plant ID:1800500066 Report for 2023

Location: 8251 S International Dr, Columbus, 47201

Pollutant	Pollutant Description	Emissions (Tons)
PM10-FIL	Primary PM10, Filterable Portion Only	9.2566
PM25-FIL	Primary PM2.5, Filterable Portion Only	9.2566
VOC	Volatile Organic Compounds	84.8655

NTN Driveshaft Inc

Plant ID:1800500066 Report for 2023

Location: 8251 S International Dr, Columbus, 47201

Facility Emissions Overview				
Pollutant	Pollutant Description	Emissions (Tons)		
PM10-FIL	Primary PM10, Filterable Portion Only	9.2566		
PM25-FIL	Primary PM2.5, Filterable Portion Only	9.2566		
VOC	Volatile Organic Compounds	84.8655		

Group ID: 003	Group ID: 003		:SHAFT PRODUCTION	
Percent Quarterly	Throughput			
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 6	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 7200	
Process ID: P4319	95	Process Description	on: Turning	
SCC:	40202599	Stack:	0	
	Surface Coating Operations	Description:	No Stack Associated	
	Miscellaneous Metal Parts	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	25181 Gallons	Gas Flow:	0	
Material:	Solvent in Coating	Input/Output:	Process Material Used (Inpe	ut)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Vender Emission Factor	0.07	0	0.8813

NTN Driveshaft Inc

Plant ID:1800500066 Report for 2023

Location: 8251 S International Dr, Columbus, 47201

Group ID: 004		Group Description	:BONDERIZING	
Percent Quarterly	Throughput			
Winter: 19	Spring: 25	Summer: 26	Fall: 30	
Days Per Week: 6	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 7200	
Process ID: 01		Process Description	n: BONDERIZING	
SCC:	40299998	Stack:	7	
	Surface Coating Operations	Description:	BONDERIZING	
	Miscellaneous	Stack Type:	Vertical	
	Specify in Comments Field	Height:	30	
Heat Content:	0	Diameter:	3	
Sulfur Content:	0	Temperature:	95	
Ash Content:	0	Velocity:	115.5	
Throughput:	308880 Pounds	Gas Flow:	48970	
Material:	Coating Mix	Input/Output:	Process Material Used (Input	t)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.05	0	7.722
PM25-FIL	State/Local Emission Factor	0.05	0	7.722
voc	State/Local Emission Factor	0.01	0	1.5444
Group ID: 011		Group Description	RUST PREVENTATIVE (COATING LINES
Percent Quarterly	Throughput			
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 6	Weeks Per Year: 50	Hours Per Day: 16	Hours Per Year: 4800	
Process ID: 01		Process Description	on: Yumax UL-65	
SCC:	40200101	Stack:	0	
	Surface Coating Operations	Description:	No Stack Associated	
	Surface Coating Application - General	Stack Type:	Fugitive	
	Paint: Solvent-base	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	25595 Gallons	Gas Flow:	0	
Material:	Coating Material	Input/Output:	Process Material Used (Input	t)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Site-Specific Emission Factor	2.04		

NTN Driveshaft Inc

Plant ID:1800500066 Report for 2023

Location: 8251 S International Dr, Columbus, 47201

Process ID: 02		Process Description	on: Yumax P-307	
SCC:	40200101	Stack:	0	
	Surface Coating Operations	Description:	No Stack Associated	
	Surface Coating Application - General	Stack Type:	Fugitive	
	Paint: Solvent-base	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1155 Gallons	Gas Flow:	0	
Material:	Coating Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
voc	Site-Specific Emission Factor	3.55	0	2.0501
Process ID: 03		Process Description	on: Semi-Kut 60	
SCC:	40200101	Stack:	0	
	Surface Coating Operations	Description:	No Stack Associated	
	Surface Coating Application - General	Stack Type:	Fugitive	
	Paint: Solvent-base	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	48240 Gallons	Gas Flow:	0	
Material:	Lube Oil	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Vender Emission Factor	0.5	0	12.06
Process ID: 04	1	Process Description	n: Yumax P356	
SCC:	40200101	Stack:	0	
	Surface Coating Operations	Description:	No Stack Associated	
	Surface Coating Application - General	Stack Type:	Fugitive	
	Paint: Solvent-base	Height:	0	
Heat Content:	0	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	2655 Gallons	Gas Flow:	0	
Material:	Coating Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Site-Specific Emission Factor	6.37	0	8.4562

NTN Driveshaft Inc

Plant ID:1800500066 Report for 2023

Location: 8251 S International Dr, Columbus, 47201

Group ID: FORGE		Group Description	:FORGE PRESSES	
Percent Quarterly	Throughput			
Winter: 25	Spring: 25	Summer: 25	Fall: 25	
Days Per Week: 6	Weeks Per Year: 50	Hours Per Day: 24	Hours Per Year: 7200	
Process ID: 01		Process Description	on: CVJ FORGE PRESS #	1
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	923100 Each	Gas Flow:	42910	
Material:	Metal	Input/Output:	Process Material Used (Input	·)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0044	90	0.2031
PM25-FIL	State/Local Emission Factor	0.0044	90	0.2031
voc	State/Local Emission Factor	0.0027	0	1.2462
Process ID: 02		Process Description	on: CVJ FORGE PRESS #2	2
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	843540 Each	Gas Flow:	42910	
Material:	Metal	Input/Output:	Process Material Used (Input	·)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.0044	95	0.0928
PM25-FIL	State/Local Emission Factor	0.0044	95	0.0928
voc	State/Local Emission Factor	0.0027	0	1.1388

NTN Driveshaft Inc

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Location: 8251 S International Dr, Columbus, 47201

Process ID: 03		Process Description	on: CVJ FORGE PRESS #	‡ 3
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	2205240 Each	Gas Flow:	42910	
Material:	Metal	Input/Output:	Process Material Used (Inpu	ut)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.003	95	0.1654
PM25-FIL	State/Local Emission Factor	0.003	95	0.1654
VOC	State/Local Emission Factor	0.0038	0	4.1900
Process ID: 04	'	Process Description	on: CVJ FORGE PRESS #	‡ 4
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	3354780 Each	Gas Flow:	42910	
Material:	Metal	Input/Output: Process Material Used (Input)		ut)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.003	95	0.2516
PM25-FIL	State/Local Emission Factor	0.003	95	0.2516
VOC	State/Local Emission Factor	0.0038	0	6.3741

NTN Driveshaft Inc

Plant ID:1800500066 Report for 2023

Location: 8251 S International Dr, Columbus, 47201

Process ID: 05		Process Description	on: CVJ FORGE PRESS #	! 5
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	3060680 Each	Gas Flow:	42910	
Material:	Metal	Input/Output:	Process Material Used (Inpu	ut)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.003	95	0.2296
PM25-FIL	State/Local Emission Factor	0.003	95	0.2296
VOC	State/Local Emission Factor	0.0038	0	5.8153
Process ID: 07		Process Description	on: CVJ Forge Press #7	
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	1190000 Each	Gas Flow:	42910	
Material:	Metal	Input/Output: Process Material Used (Input)		ut)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.003	95	0.0892
PM25-FIL	State/Local Emission Factor	0.003	95	0.0892
VOC	State/Local Emission Factor	0.0038	0	2.261

NTN Driveshaft Inc

Plant ID:1800500066 Report for 2023

Location: 8251 S International Dr, Columbus, 47201

Process ID: 08		Process Description	on: CVJ Forge Press #8	
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	743010 Each	Gas Flow:	42910	
Material:	Metal	Input/Output:	Process Material Used (Inpu	ut)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.003	95	0.0557
PM25-FIL	State/Local Emission Factor	0.003	95	0.0557
VOC	State/Local Emission Factor	0.0038	0	1.4117
Process ID: 09		Process Description	on: CVJ FORGE PRESS #	! 9
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	2981460 Each	Gas Flow:	42910	
Material:	Metal	Input/Output:	Process Material Used (Inpu	ut)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.003	95	0.2236
PM25-FIL	State/Local Emission Factor	0.003	95	0.2236
VOC	State/Local Emission Factor	0.0038	0	5.6648

NTN Driveshaft Inc

Plant ID:1800500066 Report for 2023

Location: 8251 S International Dr, Columbus, 47201

Process ID: 6		Process ID: 6 Process Description: CVJ Forge Press #6		
SCC:	30405001	Stack:	1	
	Secondary Metal Production	Description:	FORGE PRESSES	
	Miscellaneous Casting Fabricating	Stack Type:	Vertical	
	Other Not Classified	Height:	35	
Heat Content:	0	Diameter:	4	
Sulfur Content:	0	Temperature:	90	
Ash Content:	0	Velocity:	56.90	
Throughput:	2981460 Each	Gas Flow:	42910	
Material:	Metal	Input/Output:	Process Material Used (Inpu	ut)
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Emission Factor	0.003	95	0.2236
PM25-FIL	State/Local Emission Factor	0.003	95	0.2236
voc	State/Local Emission Factor	0.0038	0	5.6648