



AES-01

AIR EMISSION STATEMENT CERTIFICATION

State Form 52052 (3-05)



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality
 Technical Support and Modelling 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: LSC Communications Book LLC		2. Source ID: 1810700052	
3. Mailing Address:			
City:	State:	ZIP Code:	
4. Name of Emission Statement Preparer: Zack		Rabas	
5. Title of Emission Statement Preparer(<i>optional</i>): Environmental Specialist			
6. Telephone Number: (541)-671-7977		7. Facsimile Number(<i>optional</i>):	
8. Electronic Mail Address (<i>optional</i>): zrabas@uscompliance.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	0.2381
Carbon Monoxide (CO)	6.2499
Condensable Particulate Matter (PM-CON)	0.4241
Filterable Particulate Matter <10 Microns (PM10-FIL)	9.2604
Lead (PB)	0.0000
Nitrogen Dioxide (NO2)	7.4403
Primary PM2.5, Filterable Portion Only	3.3330
Sulfur Dioxide (SO2)	0.0446
Volatile Organic Compounds (VOC)	14.0042
Part 70 Permit Billable Hazardous Air Pollutants (Plant Wide)	Tons Emitted
Mercury and Mercury Compounds (CAS#7439976 and TRI ID N458)	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 prepares and on a reasonable inquiry into records and persons responsible for the operation of the source, and is true, accurate, and complete.

Michael Berendes
 Name of Responsible Official (*typed or printed*)

Signature of Responsible Official

Director of Operations
 Title of Responsible Official

6/24/24
 Date (*month, day, year*)

Facility Emission Detail**LSC Communications Book LLC****Plant ID:1810700052****Report for 2023****Location: 1009 Sloan St,Crawfordsville,47933****NAICS: 323117 Books Printing**

Facility Emissions Overview		
Pollutant	Pollutant Description	Emissions (Tons)
NH3	Ammonia	0.2381
CO	Carbon Monoxide	6.2499
7439921	Lead	0.0000
NOX	Nitrogen Oxides	7.4403
PM-CON	Primary PM Condensable Only (All Less Than 1 Micron)	0.4241
PM10-FIL	Primary PM10, Filterable Portion Only	9.2604
PM25-FIL	Primary PM2.5, Filterable Portion Only	3.3330
SO2	Sulfur Dioxide	0.0446
VOC	Volatile Organic Compounds	14.0042

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 002		Group Description:BOILER #2 NG SBN-4B 500HP		
Percent Quarterly Throughput				
Winter: 85	Spring: 12	Summer: 0	Fall: 3	
Days Per Week: 7	Weeks Per Year: 34	Hours Per Day: 24	Hours Per Year: 5712	
Process ID: 02		Process Description: BOILER #2 NG SBN-4B 500HP		
SCC:	10200602	Stack:	2	
	Industrial	Description:	BOILER #2 NG SBN-4B 500HP	
	Natural Gas	Stack Type:	Fugitive	
	10-100 Million Btu/hr	Height:	0	
Heat Content:	7	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	12.455 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	0.5231
NH3	EPA Emission Factor	3.2	0	0.0199
NOX	EPA Emission Factor	100	0	0.6228
PM10-FIL	EPA Emission Factor	1.9	0	0.0118
PM25-FIL	EPA Emission Factor	1.9	0	0.0118
PM-CON	EPA Emission Factor	5.7	0	0.0355
SO2	EPA Emission Factor	0.6	0	0.0037
VOC	EPA Emission Factor	5.5	0	0.0343
7439921	EPA Emission Factor	0.0005	0	0.0000
7439976	EPA Emission Factor	0.00026	0	0.0000

Facility Emission Detail

LSC Communications Book LLC

Report for 2023

Plant ID:1810700052

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 003		Group Description:BOILER #3 NG SBN-4C 500HP			
Percent Quarterly Throughput					
Winter: 85	Spring: 12	Summer: 0	Fall: 3		
Days Per Week: 7	Weeks Per Year: 34	Hours Per Day: 24	Hours Per Year: 5712		
Process ID: 02		Process Description: BOILER #3 NG SBN-4C 500HP			
SCC:	10200602	Stack:	3		
	Industrial	Description:	BOILER #3 NG SBN-4C 500HP		
	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:	12.455 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	0.5231	
NH3	EPA Emission Factor	3.2	0	0.0199	
NOX	EPA Emission Factor	100	0	0.6228	
PM10-FIL	EPA Emission Factor	1.9	0	0.0118	
PM25-FIL	EPA Emission Factor	1.9	0	0.0118	
PM-CON	EPA Emission Factor	5.7	0	0.0355	
SO2	EPA Emission Factor	0.6	0	0.0037	
VOC	EPA Emission Factor	5.5	0	0.0343	
7439921	EPA Emission Factor	0.0005	0	0.0000	
7439976	EPA Emission Factor	0.00026	0	0.0000	

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 004		Group Description:BOILER #4 NG SBN-4D 500HP		
Percent Quarterly Throughput				
Winter: 85	Spring: 12	Summer: 0	Fall: 3	
Days Per Week: 7	Weeks Per Year: 34	Hours Per Day: 24		Hours Per Year: 5712
Process ID: 02		Process Description: BOILER #4 NG SBN-4D 500HP		
SCC:	10200602	Stack:	4	
	Industrial	Description:	BOILER #4 NG SBN-4D 500HP	
	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:	24.91 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	1.0462
NH3	EPA Emission Factor	3.2	0	0.0399
NOX	EPA Emission Factor	100	0	1.2455
PM10-FIL	EPA Emission Factor	1.9	0	0.0237
PM25-FIL	EPA Emission Factor	1.9	0	0.0237
PM-CON	EPA Emission Factor	5.7	0	0.0710
SO2	EPA Emission Factor	0.6	0	0.0075
VOC	EPA Emission Factor	5.5	0	0.0685
7439921	EPA Emission Factor	0.0005	0	0.0000
7439976	EPA Emission Factor	0.00026	0	0.0000

Facility Emission Detail

LSC Communications Book LLC

Report for 2023

Plant ID:1810700052

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 006		Group Description:CYCLONE #1 SBPN-5H TRIM		
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: PAPER TRIM		
SCC:	30701399	Stack:	6	
	Pulp and Paper and Wood Products	Description:	CYCLONE #1 SBPN-5H TRIM	
	Miscellaneous Paper Products	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Speciation Profile	0	0	0
PM25-FIL	State/Local Speciation Profile	0	0	0
Group ID: 007		Group Description:CYCLONE #2 SBPN-5I TRIM		
Percent Quarterly Throughput				
Winter: 40	Spring: 26	Summer: 24	Fall: 10	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: PAPER TRIM		
SCC:	30701399	Stack:	7	
	Pulp and Paper and Wood Products	Description:	CYCLONE #2 SBPN-5I TRIM	
	Miscellaneous Paper Products	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	165 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Speciation Profile	0	0	0.286
PM25-FIL	State/Local Speciation Profile	0	0	0.1

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 008		Group Description:CYCLONE #3 SBPN-5J TRIM		
Percent Quarterly Throughput				
Winter: 40	Spring: 26	Summer: 24	Fall: 10	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: PAPER TRIM		
SCC:	30701399	Stack:	8	
	Pulp and Paper and Wood Products	Description:	CYCLONE #3 SBPN-5J TRIM	
	Miscellaneous Paper Products	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	165 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Speciation Profile	0	0	0.286
PM25-FIL	State/Local Speciation Profile	0	0	0.1
Group ID: 018		Group Description:CYCLON-BAGHSE SDN-6A DUST		
Percent Quarterly Throughput				
Winter: 40	Spring: 26	Summer: 24	Fall: 10	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: PAPER DUST		
SCC:	30701399	Stack:	18	
	Pulp and Paper and Wood Products	Description:	CYCLONE-BGHSE SDN-6A DUST	
	Miscellaneous Paper Products	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	4.5 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Material Balance	0	99.95	0.0022
PM25-FIL	Material Balance	0	99.95	0.0008

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 026		Group Description: PR PRSS CFP-268&269 SPN5Y		
Percent Quarterly Throughput				
Winter: 22	Spring: 22	Summer: 25	Fall: 31	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24 Hours Per Year: 3705		
Process ID: 01		Process Description: DRYER FUEL		
SCC:	10200603	Stack:	26	
	Industrial	Description:	PR PRSS CBM-268&269 SPN5Y	
	Natural Gas	Stack Type:	Fugitive	
	< 10 Million Btu/hr	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	22.27 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	0.9353
NH3	EPA Emission Factor	3.2	0	0.0356
NOX	EPA Emission Factor	100	0	1.1135
PM10-FIL	EPA Emission Factor	1.9	0	0.0212
PM25-FIL	EPA Emission Factor	1.9	0	0.0212
PM-CON	EPA Emission Factor	5.7	0	0.0635
SO2	EPA Emission Factor	0.6	0	0.0067
VOC	EPA Emission Factor	5.5	0	0.0612
7439921	EPA Emission Factor	0.0005	0	0.0000
Process ID: 02		Process Description: PRINTING INK		
SCC:	40500403	Stack:	26	
	Printing/Publishing	Description:	PR PRSS CBM-268&269 SPN5Y	
	Lithographic	Stack Type:	Fugitive	
	Other non-dryer printing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	33.131 Tons	Gas Flow:	0	
Material:	Ink	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	97	0.29

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 03		Process Description: FOUNTAIN SOLUTION		
SCC:	49099998	Stack:	26	
	Organic Solvent Evaporation	Description:	PR PRSS CBM-268&269 SPN5Y	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	7.962 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	67.9	0.25
Process ID: 04		Process Description: MANUAL CLEANING SOLVENT		
SCC:	49099998	Stack:	5	
	Organic Solvent Evaporation	Description:	FUGITIVE EMISSIONS-NORTH	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	2.01 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	0	0.988

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 05		Process Description: AUTO CLEANING SOLVENT		
SCC:	49099998	Stack:	26	
	Organic Solvent Evaporation	Description:	PR PRSS CBM-268&269 SPN5Y	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0.12 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	38.8	0.072
Group ID: 028		Group Description:CYCLONE #4 PAPER TRIM SB-SKN		
Percent Quarterly Throughput				
Winter: 40	Spring: 26	Summer: 24	Fall: 10	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: PAPER TRIM		
SCC:	30701399	Stack:	28	
	Pulp and Paper and Wood Products	Description:	CYCLONE #4 PAPER TRIM	
	Miscellaneous Paper Products	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	82 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Speciation Profile	0	0	0.143
PM25-FIL	State/Local Speciation Profile	0	0	0.05

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 031		Group Description:BOILR #1 O/G SBS-4A 600HP		
Percent Quarterly Throughput				
Winter: 71	Spring: 27	Summer: 0	Fall: 2	
Days Per Week: 7	Weeks Per Year: 26	Hours Per Day: 24	Hours Per Year: 4380	
Process ID: 02		Process Description: BOILR #1 GAS SBS-4A 600HP		
SCC:	10200602	Stack:	31	
	Industrial	Description:	BOILR #1 O/G SBS-4A 600 H	
	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:	4.084 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	0.1715
NH3	EPA Emission Factor	3.2	0	0.0065
NOX	EPA Emission Factor	100	0	0.2042
PM10-FIL	EPA Emission Factor	1.9	0	0.0039
PM25-FIL	EPA Emission Factor	1.9	0	0.0039
PM-CON	EPA Emission Factor	5.7	0	0.0116
SO2	EPA Emission Factor	0.6	0	0.0012
VOC	EPA Emission Factor	5.5	0	0.0112
7439921	EPA Emission Factor	0.0005	0	0.0000
7439976	EPA Emission Factor	0.00026	0	0.0000

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 032		Group Description:BOILER #2 O/G SBS-4B 600HP			
Percent Quarterly Throughput					
Winter: 25	Spring: 25	Summer: 25	Fall: 25		
Days Per Week: 1	Weeks Per Year: 1	Hours Per Day: 1	Hours Per Year: 1		
Process ID: 02		Process Description: BOILER #2 GAS SBS-4B 600HP			
SCC:	10200602	Stack:	32		
	Industrial	Description:	BOILER #2 O/G SBS-4B 600 H		
	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:	0 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	0
NH3	EPA Emission Factor	3.2	0	0	0
NOX	EPA Emission Factor	100	0	0	0
PM10-FIL	EPA Emission Factor	1.9	0	0	0
PM25-FIL	EPA Emission Factor	1.9	0	0	0
PM-CON	EPA Emission Factor	5.7	0	0	0
SO2	EPA Emission Factor	0.6	0	0	0
VOC	EPA Emission Factor	5.5	0	0	0
7439921	EPA Emission Factor	0.0005	0	0	0
7439976	EPA Emission Factor	0.00026	0	0	0

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 033		Group Description:BOILR #3 O/G SBS-4C 600HP		
Percent Quarterly Throughput				
Winter: 71	Spring: 27	Summer: 0	Fall: 2	
Days Per Week: 7	Weeks Per Year: 26	Hours Per Day: 24	Hours Per Year: 4380	
Process ID: 02		Process Description: BOILR #3 GAS SBS-4C 600HP		
SCC:	10200602	Stack:	33	
	Industrial	Description:	BOILR #3 O/G SBS-4C 600 H	
	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:	4.084 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	0.1715
NH3	EPA Emission Factor	3.2	0	0.0065
NOX	EPA Emission Factor	100	0	0.2042
PM10-FIL	EPA Emission Factor	1.9	0	0.0039
PM25-FIL	EPA Emission Factor	1.9	0	0.0039
PM-CON	EPA Emission Factor	5.7	0	0.0116
SO2	EPA Emission Factor	0.6	0	0.0012
VOC	EPA Emission Factor	5.5	0	0.0112
7439921	EPA Emission Factor	0.0005	0	0.0000
7439976	EPA Emission Factor	0.00026	0	0.0000

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 034		Group Description: FOUR CYCLNES SBPS-5E TRIM		
Percent Quarterly Throughput				
Winter: 24	Spring: 24	Summer: 23	Fall: 29	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: FOUR CYCLNES SBPS-5E TRIM		
SCC:	30701399	Stack:	34	
	Pulp and Paper and Wood Products	Description:	FOUR CYCLONS SBPS-5E TRIM	
	Miscellaneous Paper Products	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	16745 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	State/Local Speciation Profile	0	0	8.314
PM25-FIL	State/Local Speciation Profile	0	0	2.91
Group ID: 035		Group Description: CYCLN-BGHSE SDS-6A DUST		
Percent Quarterly Throughput				
Winter: 24	Spring: 24	Summer: 23	Fall: 29	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: PAPER DUST		
SCC:	30701399	Stack:	35	
	Pulp and Paper and Wood Products	Description:	CYCLONE-2BGHSE SDS-6A	
	Miscellaneous Paper Products	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	87.75 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Material Balance	0	99.95	0.0439
PM25-FIL	Material Balance	0	99.95	0.0154

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 044		Group Description: PRNTG PRSS CSM-260 SPS-5I		
Percent Quarterly Throughput				
Winter: 5	Spring: 17	Summer: 47	Fall: 31	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 1776	
Process ID: 01		Process Description: DRYER FUEL		
SCC:	10200603	Stack:	44b	
	Industrial	Description:	PNTG PRESS CTM-260 SPS-5T(S)	
	Natural Gas	Stack Type:	Fugitive	
	< 10 Million Btu/hr	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	4.1 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	0.1722
NH3	EPA Emission Factor	3.2	0	0.0066
NOX	EPA Emission Factor	100	0	0.205
PM10-FIL	EPA Emission Factor	1.9	0	0.0039
PM25-FIL	EPA Emission Factor	1.9	0	0.0039
PM-CON	EPA Emission Factor	5.7	0	0.0117
SO2	EPA Emission Factor	0.6	0	0.0012
VOC	EPA Emission Factor	5.5	0	0.0113
7439921	EPA Emission Factor	0.0005	0	0.0000
Process ID: 02		Process Description: PRINTING INK		
SCC:	40500403	Stack:	44b	
	Printing/Publishing	Description:	PNTG PRESS CTM-260 SPS-5T(S)	
	Lithographic	Stack Type:	Fugitive	
	Other non-dryer printing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	29.31 Tons	Gas Flow:	0	
Material:	Ink	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	97	0.171

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 03		Process Description: FOUNTAIN SOLUTION		
SCC:	49099998	Stack:	44b	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-260 SPS-5T(S)	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	3.392 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	67.9	0.119
Process ID: 04		Process Description: MANUAL CLEANING SOLVENT		
SCC:	49099998	Stack:	54	
	Organic Solvent Evaporation	Description:	FUGITIVE EMISSIONS SOUTH	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1.465 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	0	0.465

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 05		Process Description: AUTO CLEANING SOLVENT		
SCC:	49099998	Stack:	44b	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-260 SPS-5T(S)	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Emission Factor	2000	38.8	0
Group ID: 045		Group Description:PRNTG PRSS CSM-261 SPS-5K		
Percent Quarterly Throughput				
Winter: 85	Spring: 9	Summer: 0	Fall: 6	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 778	
Process ID: 01		Process Description: DRYER FUEL		
SCC:	10200603	Stack:	45	
	Industrial	Description:	PNTG PRESS CTM-261 SPS-5K	
	Natural Gas	Stack Type:	Fugitive	
	< 10 Million Btu/hr	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1.73 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	0.0727
NH3	EPA Emission Factor	3.2	0	0.0028
NOX	EPA Emission Factor	100	0	0.0865
PM10-FIL	EPA Emission Factor	1.9	0	0.0016
PM25-FIL	EPA Emission Factor	1.9	0	0.0016
PM-CON	EPA Emission Factor	5.7	0	0.0049
SO2	EPA Emission Factor	0.6	0	0.0005
VOC	EPA Emission Factor	5.5	0	0.0048
7439921	EPA Emission Factor	0.0005	0	0.0000

Facility Emission Detail

LSC Communications Book LLC

Report for 2023

Plant ID:1810700052

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 02		Process Description: PRINTING INK		
SCC:	40500403	Stack:	45	
	Printing/Publishing	Description:	PNTG PRESS CTM-261 SPS-5K	
	Lithographic	Stack Type:	Fugitive	
	Other non-dryer printing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	12.71 Tons	Gas Flow:	0	
Material:	Ink	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	97	0.471
Process ID: 03		Process Description: FOUNTAIN SOLUTION		
SCC:	49099998	Stack:	45	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-261 SPS-5K	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1.528 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	67.9	0.305

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 04		Process Description: MANUAL CLEANING SOLVENT		
SCC:	49099998	Stack:	54	
	Organic Solvent Evaporation	Description:	FUGITIVE EMISSIONS SOUTH	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0.638 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	0	1.057
Process ID: 05		Process Description: AUTO CLEANING SOLVENT		
SCC:	49099998	Stack:	45	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-261 SPS-5K	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Emission Factor	2000	38.8	0

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 050		Group Description:PRNTG PRSS CTM-273 SPS-5L		
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: 02		Process Description: PRINTING INK		
SCC:	40500403	Stack:	50	
	Printing/Publishing	Description:	PNTG PRESS CTM-273 SPS-5L	
	Lithographic	Stack Type:	Fugitive	
	Other non-dryer printing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Ink	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	97	0.048
Process ID: 03		Process Description: FOUNTAIN SOLUTION		
SCC:	49099998	Stack:	50	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-273 SPS-5L	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	70	0.179

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 04		Process Description: MANUAL CLEANING SOLVENT		
SCC:	49099998	Stack:	54	
	Organic Solvent Evaporation	Description:	FUGITIVE EMISSIONS SOUTH	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	0	0.142
Process ID: DRYER		Process Description: DRYER FUEL		
SCC:	10200603	Stack:	50	
	Industrial	Description:	PNTG PRESS CTM-273 SPS-5L	
	Natural Gas	Stack Type:	Fugitive	
	< 10 Million Btu/hr	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 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
NH3	EPA Emission Factor	3.2	0	0
NOX	EPA Emission Factor	100	0	0
PM10-FIL	EPA Emission Factor	1.9	0	0
PM25-FIL	EPA Emission Factor	1.9	0	0
PM-CON	EPA Emission Factor	5.7	0	0
SO2	EPA Emission Factor	0.6	0	0
VOC	EPA Emission Factor	5.5	0	0
7439921	EPA Emission Factor	0.0005	0	0

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 053		Group Description: CMP STEAM GENERATOR		
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: CMP (GAS) STEAM GENERATOR		
SCC:	10200603	Stack:	53	
	Industrial	Description:	CMP STEAM GENERATOR	
	Natural Gas	Stack Type:	Fugitive	
	< 10 Million Btu/hr	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0.938 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	0.0394
NH3	EPA Emission Factor	3.2	0	0.0015
NOX	EPA Emission Factor	100	0	0.0469
PM10-FIL	EPA Emission Factor	1.9	0	0.0009
PM25-FIL	EPA Emission Factor	1.9	0	0.0009
PM-CON	EPA Emission Factor	5.7	0	0.0027
SO2	EPA Emission Factor	0.6	0	0.0003
VOC	EPA Emission Factor	5.5	0	0.0026
7439921	EPA Emission Factor	0.0005	0	0.0000

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 054		Group Description:CYCLONE-BGHSE SDS-6C DUST		
Percent Quarterly Throughput				
Winter: 24	Spring: 24	Summer: 23	Fall: 29	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 8760	
Process ID: 01		Process Description: PAPER DUST		
SCC:	30701399	Stack:	20	
	Pulp and Paper and Wood Products	Description:	CYCLONE-BGHSE SDS-6C DU	
	Miscellaneous Paper Products	Stack Type:	Fugitive	
	Other Not Classified	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	87.75 Tons	Gas Flow:	0	
Material:	Material	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
PM10-FIL	Material Balance	0	99.95	0.0439
PM25-FIL	Material Balance	0	99.95	0.0154

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 056		Group Description: 056 CMS PRESS 251 AND CNW PRESSES 210, 211, 212, 213, 214 AND 215	
Percent Quarterly Throughput			
Winter: 26	Spring: 24	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: DRYER FUEL	
SCC:	10200603	Stack:	44
	Industrial	Description:	PNTG PRESS CMS-251 AND PRESSES CNW 210, 211, 212, 213, 214 AND 215
	Natural Gas	Stack Type:	Fugitive
	< 10 Million Btu/hr	Height:	0
Heat Content:	1	Diameter:	0
Sulfur Content:	0	Temperature:	0
Ash Content:	0	Velocity:	0
Throughput:	53.94 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	2.2655
NH3	EPA Emission Factor	3.2	0	0.0863
NOX	EPA Emission Factor	100	0	2.697
PM10-FIL	EPA Emission Factor	1.9	0	0.0512
PM25-FIL	EPA Emission Factor	1.9	0	0.0512
PM-CON	EPA Emission Factor	5.7	0	0.1537
SO2	EPA Emission Factor	0.6	0	0.0162
VOC	EPA Emission Factor	5.5	0	0.1483
7439921	EPA Emission Factor	0.0005	0	0.0000

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 02		Process Description: PRINTING INK		
SCC:	40500403	Stack:	44	
	Printing/Publishing	Description:	PNTG PRESS CMS-251 AND PRESSES CNW 210, 211, 212, 213, 214 AND 215	
	Lithographic	Stack Type:	Fugitive	
	Other non-dryer printing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	135.57 Tons	Gas Flow:	0	
Material:	Ink	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	97	1.773
Process ID: 03		Process Description: FOUNTAIN SOLUTION		
SCC:	49099998	Stack:	44	
	Organic Solvent Evaporation	Description:	PNTG PRESS CMS-251 AND PRESSES CNW 210, 211, 212, 213, 214 AND 215	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	31 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	67.9	1.351

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 04		Process Description: MANUAL CLEANING SOLVENT		
SCC:	49099998	Stack:	54	
	Organic Solvent Evaporation	Description:	FUGITIVE EMISSIONS SOUTH	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	5.1 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	0	3.174
Process ID: 05		Process Description: AUTO CLEANING SOLVENT		
SCC:	49099998	Stack:	44	
	Organic Solvent Evaporation	Description:	PNTG PRESS CMS-251 AND PRESSES CNW 210, 211, 212, 213, 214 AND 215	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	6.324 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	38.8	0.556

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 057		Group Description: PRNTG PRSS CTM-263		
Percent Quarterly Throughput				
Winter: 27	Spring: 10	Summer: 57	Fall: 6	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 457	
Process ID: 01		Process Description: DRYER FUEL		
SCC:	10200603	Stack:	057	
	Industrial	Description:	PNTG PRESS CTM-263 SPS-5T(s)	
	Natural Gas	Stack Type:	Fugitive	
	< 10 Million Btu/hr	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1.09 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	0.0458
NH3	EPA Emission Factor	3.2	0	0.0017
NOX	EPA Emission Factor	100	0	0.0545
PM10-FIL	EPA Emission Factor	1.9	0	0.0010
PM25-FIL	EPA Emission Factor	1.9	0	0.0010
PM-CON	EPA Emission Factor	5.7	0	0.0031
SO2	EPA Emission Factor	0.6	0	0.0003
VOC	EPA Emission Factor	5.5	0	0.0030
7439921	EPA Emission Factor	0.0005	0	0.0000
Process ID: 02		Process Description: PRINTING INK		
SCC:	40500403	Stack:	057	
	Printing/Publishing	Description:	PNTG PRESS CTM-263 SPS-5T(s)	
	Lithographic	Stack Type:	Fugitive	
	Other non-dryer printing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	6.889 Tons	Gas Flow:	0	
Material:	Ink	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	97	0.135

Facility Emission Detail

LSC Communications Book LLC

Report for 2023

Plant ID:1810700052

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 03		Process Description: FOUNTAIN SOLUTION		
SCC:	49099998	Stack:	057	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-263 SPS-5T(s)	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0.904 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	67.9	0.09
Process ID: 04		Process Description: MANUAL CLEANING SOLVENT		
SCC:	49099998	Stack:	057	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-263 SPS-5T(s)	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0.315 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	0	0.323

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 05		Process Description: AUTO CLEANING SOLVENT		
SCC:	49099998	Stack:	057	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-263 SPS-5T(s)	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Emission Factor	2000	38.8	0
Group ID: 058		Group Description:PRNTG PRSS CTM-264		
Percent Quarterly Throughput				
Winter: 25	Spring: 24	Summer: 27	Fall: 24	
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 773	
Process ID: 01		Process Description: DRYER FUEL		
SCC:	10200603	Stack:	058b	
	Industrial	Description:	PNTG PRESS CTM-264 SPS-5T(s)	
	Natural Gas	Stack Type:	Fugitive	
	< 10 Million Btu/hr	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	2.17 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	0.0911
NH3	EPA Emission Factor	3.2	0	0.0035
NOX	EPA Emission Factor	100	0	0.1085
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
VOC	EPA Emission Factor	5.5	0	0.0060
7439921	EPA Emission Factor	0.0005	0	0.0000

Facility Emission Detail

LSC Communications Book LLC

Report for 2023

Plant ID:1810700052

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 02		Process Description: PRINTING INK		
SCC:	40500403	Stack:	058b	
	Printing/Publishing	Description:	PNTG PRESS CTM-264 SPS-5T(s)	
	Lithographic	Stack Type:	Fugitive	
	Other non-dryer printing	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	6.507 Tons	Gas Flow:	0	
Material:	Ink	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	97	0.117
Process ID: 03		Process Description: FOUNTAIN SOLUTION		
SCC:	49099998	Stack:	058b	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-264 SPS-5T(s)	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1.8 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	67.9	0.112

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 04		Process Description: MANUAL CLEANING SOLVENT		
SCC:	49099998	Stack:	54	
	Organic Solvent Evaporation	Description:	FUGITIVE EMISSIONS SOUTH	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0.819 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Speciation Profile	0	0	0.418
Process ID: AUTO CLEANING SOLVENT		Process Description: AUTO CLEANING SOLVENT		
SCC:	49099998	Stack:	058b	
	Organic Solvent Evaporation	Description:	PNTG PRESS CTM-264 SPS-5T(s)	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	State/Local Emission Factor	2000	89.9	0

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Group ID: 059		Group Description: Press 217	
Percent Quarterly Throughput			
Winter: 24	Spring: 18	Summer: 29	Fall: 29
Days Per Week: 7	Weeks Per Year: 52	Hours Per Day: 24	Hours Per Year: 3145

Process ID: 01		Process Description: DRYER FUEL	
SCC:	10200603	Stack:	59
	Industrial	Description:	_PR PRSS CTM-217
	Natural Gas	Stack Type:	Fugitive
	< 10 Million Btu/hr	Height:	0
Heat Content:	1	Diameter:	0
Sulfur Content:	0	Temperature:	0
Ash Content:	0	Velocity:	0
Throughput:	4.58 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)
SO2	EPA Emission Factor	0.6	0	0.0014
VOC	EPA Emission Factor	5.5	0	0.0126
7439921	EPA Emission Factor	0.0005	0	0.0000
CO	EPA Emission Factor	84	0	0.1924
NH3	EPA Emission Factor	3.2	0	0.0073
NOX	EPA Emission Factor	100	0	0.229
PM10-FIL	EPA Emission Factor	1.9	0	0.0044
PM25-FIL	EPA Emission Factor	1.9	0	0.0044
PM-CON	EPA Emission Factor	5.7	0	0.0131

Process ID: 02		Process Description: PRINTING INK	
SCC:	40500403	Stack:	59
	Printing/Publishing	Description:	_PR PRSS CTM-217
	Lithographic	Stack Type:	Fugitive
	Other non-dryer printing	Height:	0
Heat Content:	1	Diameter:	0
Sulfur Content:	0	Temperature:	0
Ash Content:	0	Velocity:	0
Throughput:	27.297 Tons	Gas Flow:	0
Material:	Ink	Input/Output:	Process Material Used (Input)

Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	98	0.174

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 03		Process Description: FOUNTAIN SOLUTION		
SCC:	49099998	Stack:	59	
	Organic Solvent Evaporation	Description:	_PR PRSS CTM-217	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	2.462 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	68.6	0.283
Process ID: 04		Process Description: MANUAL CLEANING SOLVENT		
SCC:	49099998	Stack:	5	
	Organic Solvent Evaporation	Description:	FUGITIVE EMISSIONS-NORTH	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	1.534 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	0	0.482

Facility Emission Detail

LSC Communications Book LLC

Plant ID:1810700052

Report for 2023

Location: 1009 Sloan St,Crawfordsville,47933

NAICS: 323117 Books Printing

Process ID: 05		Process Description: AUTO CLEANING SOLVENT		
SCC:	49099998	Stack:	59	
	Organic Solvent Evaporation	Description:	_PR PRSS CTM-217	
	Miscellaneous Volatile Organic Compound Evaporation	Stack Type:	Fugitive	
	Identify the Process and Solvent in Comments	Height:	0	
Heat Content:	1	Diameter:	0	
Sulfur Content:	0	Temperature:	0	
Ash Content:	0	Velocity:	0	
Throughput:	0.083 Tons	Gas Flow:	0	
Material:	Solvent	Input/Output:	Process Material Used (Input)	
Pollutant	Emission Method	Emission Factor	Overall Ctrl Efficiency	Emissions(Tons)
VOC	Material Balance	0	58.8	0.05